

Three tulips are arranged horizontally at the top of the cover, enclosed within a decorative, Art Nouveau-style frame. The central tulip is the largest and most prominent, flanked by two smaller ones. The frame features intricate, symmetrical scrollwork and leaf-like patterns.

1904  
AUTUMN CATALOGUE OF BULBS  
AND PLANTS

CATALOGED

James  
Vicks  
Sons

ROCHESTER.  
NEW YORK.

Three lilies are arranged horizontally at the bottom of the cover, enclosed within a decorative, Art Nouveau-style frame. The central lily is the largest and most prominent, flanked by two smaller ones. The frame features intricate, symmetrical scrollwork and leaf-like patterns.

## PREMIUMS AND OFFERS TO CLUBS.

Where Bulbs and Plants are not ordered in special low-priced collections.

Persons sending	\$ 1.00	may select Bulbs, Plants or Seeds to the amount of	\$ 1.10
Persons sending	2.00	may select Bulbs, Plants or Seeds to the amount of	2.25
Persons sending	3.00	may select Bulbs, Plants or Seeds to the amount of	3.45
Persons sending	4.00	may select Bulbs, Plants or Seeds to the amount of	4.60
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Persons sending	10.00	may select Bulbs, Plants or Seeds to the amount of	11.50

## SUGGESTIONS TO ALL WHO BUY.

We will send Seeds, Bulbs and Plants, by mail, to any part of the United States, at prices named in this Catalogue, postage paid, unless otherwise noted.

### ALL SEEDS, BULBS AND PLANTS SENT PREPAID.

The only exceptions to this rule are *in cases especially noted*. Persons living at the most distant parts of the country will no longer be compelled to buy poor goods or none, but can send their orders with the money, and in a few days the articles will arrive in good order at their post office, or express office, where they can be obtained without further cost, as every package, except where noted, will be *paid through to destination*. Our customers will oblige us very much by giving their nearest Express office and name of the company delivering goods, as it is often better to ship heavy goods by express. We guarantee the safe arrival of packages of Seeds, Bulbs and Plants in good condition. Whenever writing in reference to previous order, be sure to mention the post office to which goods were to be shipped, and sign the same name as in first order. When customers fail to receive their Seeds, Bulbs or Plants in a reasonable time, they should inform us, and also send a copy of their order, stating the amount of money, and in what manner it was sent. No goods sent C. O. D.

### HOW TO SEND MONEY.

ALL MONEY MAY BE SENT AT OUR RISK AND EXPENSE if forwarded according to directions in either manner here stated. Please send money with the order.

When remittances are not made according to the following directions we disclaim all responsibility.

1—Post Office Money Order. If your Post Office is a Money Order office, send a money order, which will cost as follows: Sums not exceeding \$2.50, 3 cents; over \$2.50 and not exceeding \$5.00, 5 cents; over \$5.00 and not exceeding \$10.00, 8 cents. This is the best way, and we advise our friends, when possible, to send a P. O. Money Order.

2—Express Money Order. Express Money Orders, to be obtained at all offices of the American, United States, Adams, Pacific, National, Wells, Fargo & Co, and other Express companies.

3—Draft on New York. A Draft on New York can be obtained at any Bank, and this is sure to come correctly.

4—Registered Letter. When money cannot be sent by either of the first three methods, it may be sent in a Registered Letter. The cost of registering is eight cents.

The expense of forwarding money in either of the above ways we will pay, and the cost may be deducted from the amount forwarded.

CHECKS—When individual checks are sent please add 15 cts. to cover cost of collection at the Bank.

### DON'T FORGET TO WRITE YOUR NAME, POST OFFICE AND STATE.

We will send VICK'S GARDEN AND FLORAL GUIDE for 1905 free to all customers of 1904; to others it will be mailed free upon application. If any customer fails to receive a GUIDE before February, 1905, please send us a postal card stating the fact, with name and post office.

## INSECTICIDES

Dalmatian Insect Powder. The true "Persian" insect powder.  $\frac{1}{4}$  lb., 20 cents;  $\frac{1}{2}$  lb., 35 cents; lb., 55 cents; postage paid.

Fir Tree Oil. For all kinds of sucking insects, whether on root, stem or foliage, such as Green and Black Fly, Mealy Bug, Scale, Aphids, etc. Valuable also for animal parasites and insects.  $\frac{1}{2}$  pint, 40 cents; pint, 75 cents; qt., \$1.25; gal., \$4.00; charges not prepaid.

Sulpho-Tobacco Soap. Used as a wash for roses, trees, and house plants. Very desirable for insects on animals. Small size, 15 cents; large size, 30 cents; postage paid.

Tobacco Dust (The Black Stuff). Per lb., 20 cents; postage paid. Special price on large quantities.

Kerosene Emulsion. 65 per cent. oil. For scale insects, aphids, etc. Quart, 20 cents; gal., 50 c.; bbl., 45 c. per gal.; charges not prepaid.

Nikoteen. (Liquid). Contains the active principle of tobacco; can be used either for fumigating or spraying; especially fine for all classes of aphids and insects affecting greenhouse plants. Pint, \$1.50; 5 pts., \$7.00; 10 pts., \$13.00; charges not prepaid.

Nikoteen Aphid Punk. It burns. No pans or hot irons; simple, safe, sure; will not injure the most delicate plant. Box of 12 rolls, 60 cents; charges not prepaid.

Petroleum Emulsion. 65 per cent. oil. Especially valuable for San Jose Scale. To be applied during winter or early spring, while wood is dormant. Will mix with cold water. Quart, 20 cents; gal., 50 cents; bbl., 45 cents per gal.; charges not prepaid.

Vick's Excelsior Insect Exterminator. Will destroy Striped Bugs, Cabbage Lice, Green Cabbage Worms, Potato Bugs, Aphids, Squash Bugs, Cockroaches, etc. Harmless to plants or vegetables. Sure death to all plant insects, particularly the Green Cabbage Worm. This powder can be applied most thoroughly, economically, and quickly, by means of the bellows we have constructed for that purpose. 40 cents per pound, by mail. In lots of five pounds or over, 25 cents per pound by express at expense of the purchaser. Eight-inch Bellows, \$1.25. Twelve-inch Bellows, \$1.50. The Bellows can be sent only by express at expense of purchaser. For use in conservatories and for house plants we offer a small zinc bellows, in two sizes. No. 1, with one ounce of Exterminator, 20 cents, postage paid. No. 2, with four ounces of Exterminator, 40 cents, postage paid.

Whale Oil Soap. Used as a wash for roses, trees, and plants affected with insects. 1-lb. box, 30 cents; postage paid. Special price on large quantities.

Note. Liquids and Poisonous Powders cannot be sent by mail.



IN the following pages are brief descriptions of many beautiful and desirable plants. These descriptions contain no overpraise; on the contrary, there are very few of them which might not be the subjects of extended essays, setting forth their uses, qualities, and beauties. What little, therefore, is said of them herein should be read reflectively, and their merits as stated carefully considered.

**Dutch Bulbs.** We cannot too strongly urge our customers, for their own sake, to make great use of the Dutch bulbs in their gardens and windows. No class of plants will give greater satisfaction. They can make our living-rooms bright from mid-winter until spring, and our gardens to glow with beautiful colors through the dull weeks of slowly awakening vegetation of northern latitudes. At the South, also, these bulbs are equally desirable. Especially can we advise them for all the winter resorts at the South; for they bloom at the height of the tourist season, and make a display that nothing can equal at that time.

**Planting in Masses.** All these bulbs present a fine show of their flowers when planted over considerable spaces, or in masses, as it is termed, and either with each color by itself or in mixture. For those who wish to have beds of Tulips and Hyacinths in colors we offer at most reasonable prices the bulbs assorted in colors, and with these one can make a fine show at little expense. Collections of Tulips and Hyacinths are so offered. No more brilliant and effective display of Tulips can be made than by the use of the single early varieties in mixed colors. We cannot too strongly urge their use in this manner.

**The Narcissus.** Beloved of all flower-growers, and whose praises for ages have been sung by the poets, is, in its numerous varieties, one of the most interesting, graceful, and fragrant flowers. Either in the garden or as a window plant it deserves all the attention that can be bestowed upon it. For growing in water a variety of Narcissus known as the Chinese Sacred Lily has become popular, but we can recommend the variety called *Paper White Grandiflorus* as superior to the Chinese. Another excellent variety for the same method of treatment is Grand Monarque. As a garden variety Empress is especially desirable.

**Fall Planting of Lily Bulbs.** We particularly call attention to the desirability of planting Lily bulbs in autumn instead of spring.

**Planting Herbaceous Perennials.** Autumn is the time for this work. It should not be delayed until spring unless absolutely necessary. Many of the most desirable kinds will be found described. Among the older perennial flowering plants there is none more beautiful and in every way desirable than the Chinese Peonies, and they should be more generally planted.

**The Shasta Daisy.** This is one of the most desirable of continuous-blooming perennials. Read the full description and see what a beauty it is. It is one of the greatest acquisitions of recent years.

**Summer and Fall Blooming Shrubs.** In the spring we have many beautiful flowering shrubs; but later these present but little bloom. We call particular attention to the varieties of Spiraeas described, most of which bloom through the summer and during the fine weather of autumn. Also, *Hydrangea paniculata grandiflora* is desirable for summer blooming.

**The Hardy Climbers.** Autumn is the best time to set these plants. Prepare the ground for them well, plant and give a covering of leaves in the late fall, and in spring they will start to grow early and give sure satisfaction.

**The Small Fruits.** Enrich the garden with a plentiful supply of the small fruits—the most valuable table produce of the family garden. The varieties offered in our collections are the best in cultivation.

**A Final Word.** Let us take time by the forelock, and give the garden this fall the attention it should receive; then, with a good conscience from a knowledge of duty done, we can await the coming spring with hope, and afterwards enjoy the beauties and bounties with which kind nature shall favor us.

# Hardy Flowering Bulbs

THE most prominent class of plants demanding attention in autumn is that of the hardy flowering bulbs, the principal kinds, Hyacinths, Tulips, Crocus, Narcissus, Snowdrops, etc., being known by the general name of Dutch bulbs, because they are mostly produced in Holland. The experience gained by many years of trial and observation enables us to select the kinds of bulbs that will give the greatest measure of satisfaction, and purchasers may confidently expect that their interests are secure with ours in employing the stock here offered. The lists of named varieties have been restricted to a comparatively few of the best kinds in each color, sufficient for all the varieties desired in house culture, and for the garden they can be supplied in quantities for planting in masses of a single color, this method producing the best results in border and beds.

## **Bulbs in the House**

THE window culture of Hyacinths, Tulips, and Narcissus has become very popular, and is a most attractive way of raising these plants, which by their beauty and fragrance grace our living rooms in winter. The general treatment of these different kinds of bulbs is the same. A light, porous soil just suits them—some garden loam, leaf mould and sand mixed together. Use five-inch pots for Hyacinths and Narcissus. Place some pieces of broken pot in the bottom so as to secure free drainage and then fill up to about two inches of the top, take a bulb and set it on the soil in the center of the pot, then fill in soil until the bulb is about two-thirds covered. Set the pot down once or twice on the bench with a sharp rap so as to settle the soil and bulb down well. Tulips should be potted the same way, only there may be as many as four or five bulbs in a five-inch pot, and six in a six-inch pot, and they can be buried somewhat deeper in the soil, so that only the points show above the surface. At least three-fourths of an inch of space should remain between the top of the soil and the rim of the pot in order to hold water whenever watering is necessary. When the potting is finished as above described, give water with a watering can sufficient to wet the soil all through.

## **Rooting the Bulbs**

Now the pots should be placed away in a dark room or in a cellar, to remain several weeks while the bulbs are making roots, for it is necessary that these should form before the growth of the leaves or flowers. Not much heat is needed for root-growth, and a temperature of 50° is best. It will be a good precaution to take, to set the pots in a box and fill in soil between the pots to keep them from drying out, and then cover the box over closely so that mice cannot get in. Here they can remain from six to ten weeks, or until they have quite filled the pots with roots. Some will root faster than others and will show signs of leaf-growth, and these can be taken up first to the light, while the others are left to bring out later, thus causing them to bloom at different times, successively over a number of weeks. They should be placed in a good light in a temperature of 50° to 60°, and freely ventilated on fine days. If one has not pots to use, bulbs can be planted in boxes in the same way as here described. Crocus and Snowdrops should be similarly treated in house culture.

## **Growing Bulbs in Water**

HYACINTHS are sometimes grown in water, using tall glasses, one for each bulb; these glasses are made with a shoulder to hold the bulb near the top, while the water below comes up just to the base of the bulb. In starting bulbs in water they should be placed away in a dark room until plenty of roots have formed. A favorite way of raising the Chinese Narcissus, or Sacred Chinese Lily, as it is called, is among small stones or pebbles in a glass or porcelain dish containing water, the stones surrounding and supporting the bulb and holding it in place, and the water kept up to the base of the bulb. Hyacinths may be raised in the same way, if desired.

## **Bulbs in the Garden**

THE Dutch bulbs do well in ordinary garden soil if it is dry, that is if water does not lie on it in the winter. A compact clayey soil may be improved for bulbs by mixing with it a quantity of sand. A sandy loam is all that is desirable. The ground



should be spaded deep immediately before planting. When planting a large number in a border or bed it is well to remove entirely the upper layer of soil to a depth of four inches and then spade the lower soil a good depth. Rake it smooth and level, and, if possible, spread over the surface a layer of sand an inch in depth; this provides a bed for the roots to run in freely, and enables them to make a vigorous growth from the start. Providing a bed of sand is not absolutely necessary, but if it is convenient to do so it is an advantage. The bulbs, Hyacinths, Tulips, Narcissus, Crocus, etc., are now set on the bed, the largest bulbs from four to six inches apart, and Crocus, Snowdrop, and Snowflake about two inches apart, and when all are in place the surface soil that was removed is gently spread over them without disturbing them, and they thus get covered some three or four inches in depth. At the north bulbs should by preference be planted from the last of September up to November, while at the south November will be early enough. When but a few dozen bulbs are to be planted, they can be set by removing the soil with a trowel to the proper depth; and dropping a little sand into the hole before placing in the bulb is a good practice, though ordinarily it is not done.



POLYANTHUS NARCISSUS, PAPER WHITE GRANDIFLORUS

#### **After planting the Bulbs**

WHEN the bulbs are set and covered, then before hard freezing weather comes they will need to be covered with leaves or litter, enough to prevent the ground from freezing much, for the bulbs are injured by the movement of the soil about them that takes place when the ground thaws, tearing or straining the roots, and enfeebling the plants. Early in spring the most of the covering can be removed, leaving a little to remain over the the bed until the leaves begin to push, and then clearing it all off.

#### **After the Bulbs have bloomed**

BULBS in a shrubbery border may be left after blooming without disturbance, and each spring they will renew their growth and bloom. At the last of May or early in June summer-blooming plants can be set in between the bulbous plants whose ripening foliage will soon after wither and disappear. When the bulb beds are in a conspicuous place, and it is desirable that they should be set early with summer-flowering plants, the bulbs can be carefully lifted with soil attached, taken away, and placed in a trench previously prepared for them in a half shady place. There they can remain until the foliage has decayed, when the bulbs can be removed from the soil and be placed away in a dry, airy, cool place, to remain until time for planting in early autumn.

# Hyacinths for House and Garden

THE Hyacinth is noted for bright colors and delightful fragrance. All varieties are fragrant. The colors vary in every shade from pure white to crimson or red and blue and some shades of yellow. The lily-like flowers are somewhat pendant, and closely clustered in racemes forming columns of less or greater height. The flowers are either single or double, and one can select varieties, in this respect, according to taste. For very early blooming the White Roman variety is a great favorite. Its flower spikes are looser and shorter than those of the Holland Hyacinth, but, instead of one, each bulb has usually two or three flower-stems. Three or four bulbs of Roman Hyacinths potted early in the season, in a six-inch pot, will make fine blooming specimens at the winter holidays. Under the same conditions the Holland Hyacinths bloom later, and a single bulb is sufficient for a five-inch pot. In a six-inch pot three bulbs may be placed, and if the flowers are in three shades,—red, white and blue,—a very pretty effect is produced. The time of blooming may be regulated to some extent by holding the potted bulbs in the dark and keeping in a cool place, thus retarding the bloom and allowing the plants to be brought along successively for a number of weeks. For planting in quantities in the garden it is more economical to use the unnamed varieties, the bulbs costing less; these can be planted to form a mass by itself, mixed if so desired, or in varied designs.

## VICK'S SELECTION OF NAMED HYACINTHS

Sold at the uniform price of 12 cents each or \$1.25 per dozen, postpaid

The finest varieties and best bulbs, purchased from the best growers in Holland, and imported direct to meet the desires of those who want choice bulbs for the conservatory or window, or to plant in beds of design in the garden. The single-flowered varieties usually give better satisfaction than the double ones, and especially so in house-culture.

At the single and dozen price we pay postage to destination.

Not less than six supplied at dozen rates. Special prices on large quantities.

### SINGLE RED AND ROSE

Any. Bright scarlet.  
Charles Dickens. Delicate pink.  
Fabiola. Rose, handsome bells and large spike.  
General Pelissier. Bright carmine.  
Gertrude. Rosy pink, large, upright spike.  
Gigantea. Blush pink, large flowers and very large truss.  
Lord Macaulay. Bright rosy carmine; extra fine.  
Moreno. Fine pink.  
Norma. Light pink, large bells and fine truss.  
Prince of Orange. Deep pink.  
Robert Steiger. Deep red, compact truss.  
Romeo. Bright scarlet.

### SINGLE WHITE

Alba Superbissima. Pure white.  
Baroness Van Thuyt. Flowers snow white, fine large truss, one of the best for any purpose.  
Grand Blanche. Blush white.  
Grandeur a Merveille. Blush white  
La Grandesse. Fine snow white.  
L'Innocence. Snow white; extra fine spike.  
La Pucelle d'Orleans. Pure white.  
Madame Van der Hoop. Pure white, large bells.  
Paix de l'Europe. Pure white.  
Pavilion Blanc. Pure white.  
Queen Victoria. Pure white.  
Voltaire. Creamy white.

### SINGLE YELLOW

Ida. Rich golden yellow.  
King of the Yellows. Deep yellow.  
Obelisque. Fine pure yellow.

### SINGLE PURPLE

Haydn. Lilac-mauve, large truss.

### SINGLE BLUE

Baron Van Thuyt. Dark blue.  
Bleu Mourant. Purple blue.  
Charles Dickens. Bright blue shading to porcelain blue; excellent  
Grand Lilas. Light porcelain.  
Grand Maitre. Porcelain blue.  
King of the Blues. Rich, dark blue.  
Leonidas. Light blue, large spike.  
Pieneman. Dark porcelain blue.  
Queen of the Blues. Light blue.  
Regulus. Porcelain blue, large bells.

### DOUBLE RED and ROSE

Bouquet Royal. Salmon pink.  
Bouquet Tendre. Carmine rose, early.  
Czar Nicholas. Blush pink;  
Grootvoorst. Blush pink; large, early.  
Lord Wellington. Extra fine pink.  
Noble par Merite. Deep rose, early.  
Prince of Orange. Dark rose, fine.

### DOUBLE WHITE

Bouquet Royal. Pure white, yellow center.  
Flevo. Pure white.  
Grootvoorstin. Creamy white, large bells.  
La Tour d'Auvergne. Pure white, large bells; very early.  
La Virginite. Blush white; early.  
Prince of Waterloo. Waxy white, large bells.  
Sceptre d'Or. White, yellow center.

### DOUBLE BLUE

Bloksberg. Clear porcelain blue.  
Charles Dickens. Dark blue, handsome truss.  
Garrick. Lilac blue; fine spike.  
General Antinck. Light blue, large bells and truss.  
Lord Raglan. Dark blue, large bells.  
Rembrandt. Light blue, long spike.  
Richard Steele. Light blue.

### DOUBLE YELLOW

Gæthe. Light yellow, fine truss.  
Jaune Supreme. Deep yellow, fine.

## ROMAN HYACINTHS

These Hyacinth Bulbs are extra selected, and will give the greatest satisfaction, each bulb producing several graceful spikes. We advise early planting, so as to have the bulbs well rooted before commencing to force them. Early delivery can best be secured by sending your orders at once.  
Early Roman White. Each 6 cts.; dozen, 60 cts.; hundred, \$4.00.

## GRAPE HYACINTHS

Also called "Blue Lily of the Valley." About six inches high and very much resembles a bunch of grapes. Planted in groups of a dozen or so, the bulbs produce a mass of blossoms. Plant very hardy. For winter blooming in the house they excel.

Blue. Three for 5 cts.; dozen 15 cts.; hundred 80 cts.

White. Two for 5 cts.; dozen 20 cts.; hundred \$1.00.

## FEATHERED HYACINTH

A peculiar species, improving daily in beauty after once commencing to bloom, and developing finally into an immense blue feathery plume about 12 inches high. It is very desirable for winter blooming, and cultivated as other Hyacinths it will give perfect satisfaction. Three for 10 cts.; dozen 35 cts.; hundred \$2.00.

## HYACINTHS IN SEPARATE COLORS

SELECTED ESPECIALLY FOR GARDEN PLANTING  
AND WINTER FORCING FOR CUT FLOWERS



**B**ULBS of Unnamed Hyacinths are comparatively cheap and can be used in large numbers for beds and borders at no great expense. They are also used largely for winter forcing for cut flowers, and for window plants; when, however, the finest specimen pot plants are desired the named bulbs should be used.

### SINGLE VARIETIES

Red and Rose, all shades  
Dark Red  
Rose and Pink, all shades  
Blush  
Snow White  
Dark Blue  
Light Blue  
Blue, all shades  
Yellow  
Vick's Special Single Mixed,  
strong bulbs, sure to bloom

### DOUBLE VARIETIES

Red and Rose, all shades  
Dark Red  
Rose and Pink, all shades  
Blush  
Snow White  
Dark Blue  
Light Blue  
Blue, all shades  
Yellow  
Vick's Special Double Mixed,  
strong bulbs, sure to bloom

Prices—Each, 6 cents, dozen, 65 cents; delivered free to any postoffice in the United States.

Dozen, 50 cents, hundred, \$3.50; delivered at Express Office, Rochester, N. Y., charges not prepaid.

## STANDARD COLLECTIONS OF HYACINTHS . . . . .

These Collections are offered for the benefit of customers who prefer to leave the selection to us. They consist of varieties best adapted for indoor and outdoor planting. As we sell a large number of these fine collections, we are enabled to offer them at greatly reduced prices. The quality of the bulbs is the same as offered in our regular list, and can be relied upon for trueness to color and beauty of flower.

*Please be particular to specify what Collections are wanted.*

## Collections of Hyacinths for House and Garden Culture

### Collection "A"

#### Hyacinths for House Culture

Roi des Belges. Dark red.  
Baron Van Thuyl. Pink.  
Albertine. Pure white.  
Mr. Plimsoll. Blush white.  
Schotel. Porcelain blue.  
Marie. Dark blue.  
Price, 55 cents; postage prepaid.

### Collection "B"

#### Hyacinths for Out-door Culture

Princess Royal. Dark red.  
Princess Louise. Rose.  
Non plus ultra. Pure white.  
Isabella. Rosy white.  
Van Speyck. Light blue.  
Othello. Dark blue.  
Price, 55 cents; postage prepaid.

Collections A and B postpaid for \$1.00

### Red, White and Blue Hyacinth Bed

#### Six Feet in Diameter

#### 127 Large, Sound Bulbs

We have made the following Collection so low in price that all can afford to have a beautiful bed in bloom early in spring, at a time when there is a scarcity of flowers.

Center . . . . .	1 bulb, Blue
First row . . . . .	6 bulbs "
Second row . . . . .	12 " "
Third row . . . . .	18 " White
Fourth row . . . . .	24 " "
Fifth row . . . . .	30 " Red
Sixth row . . . . .	36 " "

Total . . . 127 Bulbs

Delivered anywhere in the U. S. for \$4.50



## Exhibition Hyacinths

**T**HIS extra choice grade of Hyacinths has only very recently been introduced to the American trade, having heretofore been reserved for the requirements of European fanciers, who grow them for Exhibition purposes. For the benefit of those of our customers who wish for the very finest bulbs of the choicest varieties for pots and glasses, we have imported from one of the best growers in Holland, at a very high price, a limited number of the largest and most perfect bulbs to be obtained.

These we offer at the comparatively low price of 18 cents each or \$1.75 per dozen, postage paid.

In ordering, please be careful to designate these as **Exhibition varieties**.

### SINGLE RED AND ROSE

**Dr. Westerman.** Dark red; new; fine truss.  
**Fabiola.** Pink, carmine striped; very large spike.  
**Gen. Pelissier.** Brilliant carmine; splendid spike; early.  
**Gertrude.** Rosy pink; large, upright spike; extra fine.  
**Lord Macaulay.** Bright rosy carmine; very large bells.  
**Moreno.** Waxy pink; large bells, extra good truss.

### SINGLE WHITE

**Baroness Van Thuyl.** Pure white; fine large truss.  
**Grande Blanche.** Blush white; large bells and spike.  
**Grandeur a Merveille.** Fine large truss of large bells.  
**La Grandesse.** Extra fine pure white; large bells and grand spike.  
**L' Innocence.** Extra fine spike of snow-white bells.  
**Paix de l' Europe.** Extra large spike of snow-white drooping bells.

### SINGLE BLUE AND PURPLE.

**Charles Dickens.** Blue, shading to porcelain; handsome tall spike; excellent.  
**Gen. Havelock.** Blackish purple; extra fine.  
**Grand Lilas.** Light porcelain; extra fine large truss and bells.  
**Grand Maitre.** Dark porcelain blue; grand spike of large bells.  
**King of the Blues.** Rich dark blue; large compact spike.  
**Queen of the Blues.** Clear light blue; fine spike of very large bells.  
**Haydn.** Lilac-mauve; fine large truss.

### SINGLE YELLOW

**Ida.** Rich pure yellow; fine large spike.

### DOUBLE RED AND ROSE

**Le Grand Concurrent.** Pale rose, shaded with pink; fine spike of large bells.  
**Lord Wellington.** Extra fine blush pink; large spike and bells.  
**Marie de Medicis.** Rose; fine large bells and spike.  
**Prince of Orange.** Deep rose; fine spike.

### DOUBLE WHITE

**Bouquet Royal.** Pure white, yellow center; fine spike.  
**La Tour d' Auvergne.** Pure white; large bells; extra fine spike; very early.  
**Prince of Waterloo.** Pure white; large bells and truss.  
**Triumph Blandina.** Rosy white, violet center; compact spike.

### DOUBLE BLUE

**Bloksberg.** Clear porcelain; fine large spike.  
**Charles Dickens.** Dark blue, shaded lilac; handsome compact truss.  
**Duke of Norfolk.** Extra fine dark blue.  
**Mignon de Dryfhout.** Pale blue; fine truss.

### DOUBLE YELLOW.

**Jaune Supreme.** Deep yellow; fine spike.



# TULIPS

THE beauty of form and the sheen of brilliant colors presented by the Tulip are unequalled by any other class of plants in the floral world. And this scene of beauty is presented in the early spring, almost at the commencement of vegetation. The garden that apparently for months of winter has been lifeless is transformed by the magic of color combinations flaunting from beds and borders of tulips into exuberant, glowing life. This display is like perpetual sunshine, cheering and invigorating nature in its slow revival. For the most beautiful garden effects in early spring plant tulips freely; plant them everywhere—in the coldest northern climates, and in the sunny south; everywhere they will succeed and make a bright and glad scene. The single early varieties in mixture set along a border produce a brilliant show, and as the bulbs are inexpensive they should be planted freely. Plant the bulbs in beds or borders about six inches apart, with each color in a mass by itself to produce the strongest effect.

**DUC VAN THOL TULIPS**—The earliest and lowest growing kinds. Good for pot culture and open ground.

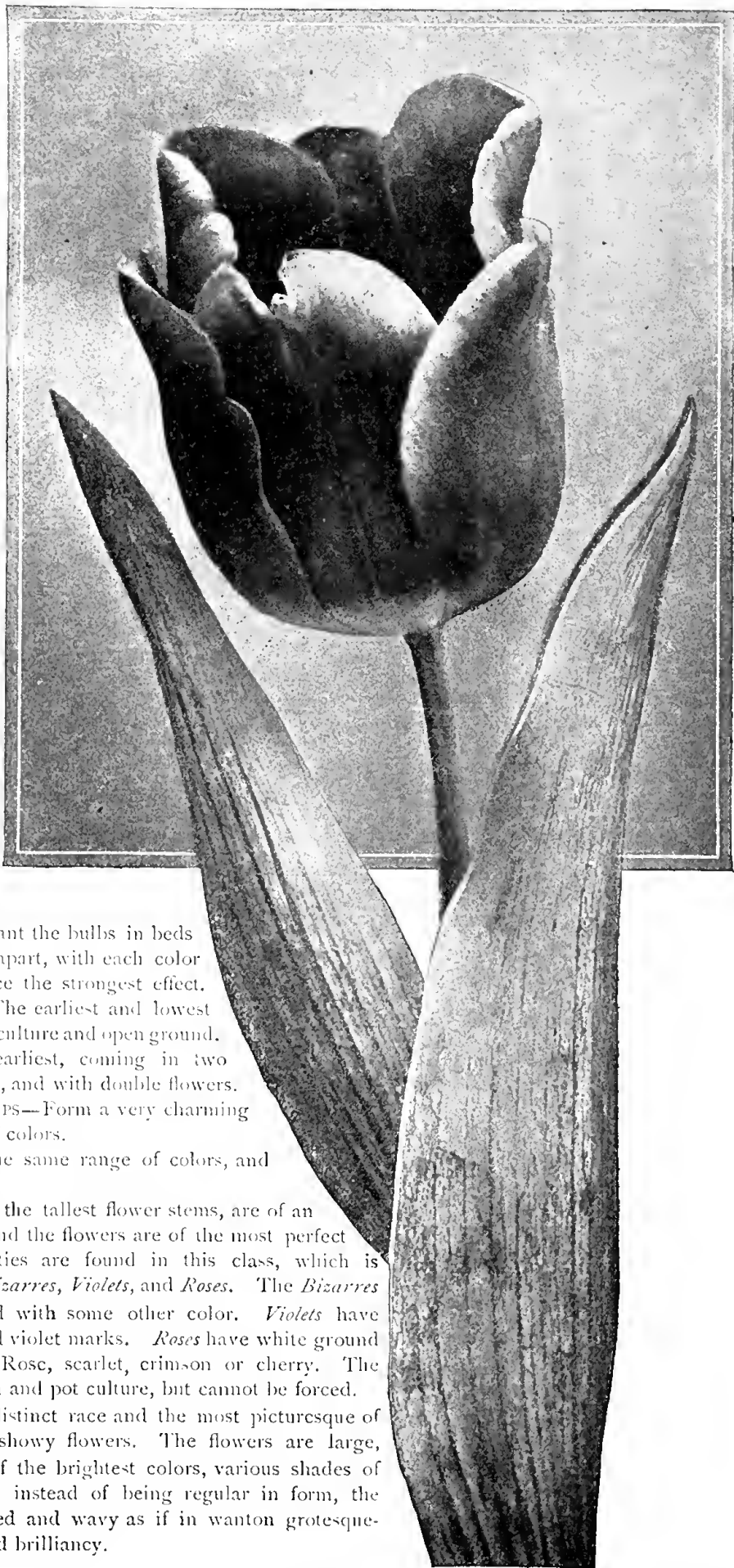
**TOURNESOLS**—The next earliest, coming in two colors, orange-red and yellow, and with double flowers.

**THE SINGLE EARLY TULIPS**—Form a very charming class and of a great variety of colors.

**THE DOUBLE TULIPS**—The same range of colors, and the flowers of long duration.

**THE LATE TULIPS**—Have the tallest flower stems, are of an indefinite number of colors, and the flowers are of the most perfect shape. The choicest varieties are found in this class, which is divided into sections called *Bizarres*, *Violets*, and *Roses*. The *Bizarres* have yellow ground marked with some other color. *Violets* have white ground with purple and violet marks. *Roses* have white ground marked or variegated with Rose, scarlet, crimson or cherry. The bulbs are used both in garden and pot culture, but cannot be forced.

**PARROT TULIPS**—A very distinct race and the most picturesque of this genus of beautiful and showy flowers. The flowers are large, marked with a combination of the brightest colors, various shades of yellow, red and green, and instead of being regular in form, the divisions are spread or twisted and wavy as if in wanton grotesqueness to display their grace and brilliancy.



## SINGLE EARLY TULIPS

Comprising the finest selections for forcing and bedding. Varieties marked E are the earliest to bloom; E1, following; E2, the latest.

	DOZ.	100
Artus. (E1) bright scarlet . . . 3 for 10	30	1 75
Belle Alliance. (E1) scarlet . . . 05	45	3 00
Brutus. (E1) orange-crimson, gold-margined . . . 3 for 10	35	2 00
Canary Bird. (E) yellow . . . 3 for 10	30	1 75
Chrysolora. (E) yellow . . . 3 for 10	30	1 50
Crimson King. (E1) scarlet 3 for 10	35	2 00
Couleur Cardinal. (E1) bronze scarlet: a flower of great substance; stems long . . . 07	70	5 00
Cottage Maid. (E1) rose and white . . . 3 for 10	30	1 50
Duchesse de Parma. (E1) orange-red, yellow-bordered 3 for 10	30	1 40
Joost van Vondel. (E1) red and white . . . 3 for 10	30	1 75
Keizerskroon. (E1) scarlet, yellow-edged . . . 3 for 10	35	1 85
L'Immaculee. (E) white . . . 3 for 10	30	1 35
La Reine. (E1) (Queen Victoria) beautiful rosy white . . . 2 for 5	25	1 25
Mon Tresor. Large, deep yellow . . . 05	50	3 30
Pax Alba. (E1) fine white . . . 3 for 10	30	1 35
Pottebakker White. (E) . . . 04	40	2 35
Pottebakker Scarlet. (E) . . . 05	45	2 65
Pottebakker Yellow. (E) . . . 04	40	2 45
President Lincoln. (E2) handsome violet . . . 05	50	3 30
Princess Mariana. (E) white, tinged pink . . . 3 for 10	30	1 50
Proserpine. (E) carmine-rose, large and splendid . . . 07	70	5 00
Purple Crown. (E) purplish crimson . . . 3 for 10	30	1 50
Rembrandt. (E1) scarlet-crimson . . . 04	40	3 00
Rose Luisante. Pink . . . 07	65	4 65
Rose Griselid. (E) soft rose . . . 3 for 10	35	2 00
Rosamundi (E1) white and pink . . . 3 for 10	30	1 45
Standard Royal. (E1) white and red . . . 04	40	2 35
Standard Gold. (E1) yellow and red . . . 05	45	3 00
Thomas Moore. (E1) orange . . . 3 for 10	30	1 75
Vermilion Brilliant. (E) red . . . 07	70	5 00
White Swan. (E1) pure white . . . 05	45	2 65
Yellow Prince. (E) yellow . . . 3 for 10	30	1 50

Vick's Superfine Mixture of nearly equal blooming varieties, 2 for 5 cents; dozen, 25 cts.; one hundred, \$1.20; one thousand, \$9.00

First Quality Single Mixture. 2 for 5 cents; dozen, 20 cts.; one hundred, \$1.00; one thousand, \$7.50.

Add 40 cents per 100 if ordered by mail.

## SINGLE DUC VAN THOL

The Duc Van Thols are the earliest of the Tulips, and are very desirable for early forcing, coming into bloom throughout December, and especially at Christmas.

	DOZ.	100
Red and Yellow . . . 3 for 10	30	1 75
Rose . . . 05	50	3 30
Scarlet . . . 3 for 10	30	1 75
Crimson . . . 3 for 10	30	1 50
Gold Striped . . . 3 for 10	30	1 65
White. True . . . 05	45	2 65
Yellow . . . 05	50	3 30

At the 100 rate we do not prepay charges.

### Highland Park Bed of Single Early Tulips

This beautiful bed is circular, six feet across, or 18 feet in circumference, requiring a total of 271 bulbs planted four inches apart. The center and first three rows require 37 scarlet "Belle Alliance;" the next three rows 90 "Chrysolora," pure yellow; and the last three rows 144 "L'Immaculee," pure white.

We will furnish the 271 bulbs delivered to any express office in the U. S. for

**\$4.50**

### Our Half-Dollar Collection of Forty Choice Assorted Bulbs.

*For House or Out-of-Door Culture.*

A most desirable and favorite collection; will give universal satisfaction.

6 Hyacinths—2 Red, 2 White, 2 Blue.

10 Tulips—Single Early, choice mixed.

3 Narcissus.

21 Crocus—All colors mixed.

40 choice Bulbs, postpaid, for 50 cents.

## DOUBLE TULIPS

## FOR BEDS

The Double Tulips are particularly valuable for making showy beds of bright colors. The extra petals are well developed and combined into a symmetrical head, and like most other double flowers they remain in good condition a considerable time longer than the single flowered varieties under the same conditions.

**Arabella.** Carmine-pink; large flowers; extra fine. Each, 4 cents; dozen 40 cents; hundred, \$2.35.

**Blue Flag.** Blue; late. 3 for 10 cents; dozen, 35 cents; hundred, \$1.80.

**Crown of Gold.** Yellow, orange shaded. Each, 7 cents; dozen, 70 cents; hundred, \$4.00.

**Crown of Roses.** Rose; large; early. Each, 8 cents; dozen, 80 cents; hundred, \$5.05.

**Duc van Thol.** Red, yellow-edged; early. 2 for 5 cents; dozen 25 cents; hundred, \$1.30.

**Duke of York.** Red and white; fine; large; early. 3 for 10 cents; dozen, 30 cents; hundred, \$1.50.

**Gloria Solis.** Bronze, orange and crimson; early. 3 for 10 cents; dozen, 35 cents; hundred, \$1.90.

**Imperator Rubrorum.** Red; early. Each, 5 cents; dozen, 45 cents; hundred, 3.00.

**La Candeur.** White; large; early; largely used for bedding purposes. 3 for 10 cents; dozen, 30 cents; hundred, \$1.75.

**Le Blason.** Delicate rose and white striped; early; very fine. . . . . 3 for 10 35 1 85

**Mariage de ma Fille.** White and carmine striped; large; one of the choicest late doubles. . . . . 05 45 2 70

**Murillo.** White, shaded rose; large; early; fine for forcing. . . . . 05 50 3 30

**Peony Gold.** Yellow and red; late. 3 for 10 30 1 75

**Peony Red.** Scarlet; late. . . . . 3 for 10 30 1 75

**Purple Crown.** Splendid, dark velvety crimson; early. . . . . 3 for 10 30 1 65

**Purple, White Bordered.** Early. 3 for 10 30 1 50

**Regina Rubrorum.** Red striped with creamy yellow; early. . . . . 07 70 5 00

**Rex Rubrorum.** Crimson-scarlet; very showy; early; fine for bedding. . . . . 3 for 10 35 2 00

**Rose Blanche.** Pure white; extra large; early. . . . . 3 for 10 30 1 50

**Rosine.** Rosy white; early. . . . . 3 for 10 35 2 00

**Salvator Rosa.** Rose and white; early. . . . . 09 90 6 50

**Titian.** Brown and yellow; fine. 3 for 10 30 1 75

**Tournesol.** Red and yellow; very large and fragrant; extra early. . . . . 04 40 2 35

**Tournesol.** Yellow, shaded orange; large and showy; extra early. . . . . 05 50 3 65

**Yellow Rose.** Beautiful golden yellow; large; late. . . . . 3 for 10 30 1 40

**Superfine Mixture of Early Varieties.** 2 for 5 cents; dozen, 25 cents; hundred, \$1.20; thousand, \$9.00.

**Superfine Mixture of Late Varieties.** 2 for 5 cents; dozen, 25 cents; hundred, \$1.20; thousand, \$9.00.

We do not prepay charges at the 100 rate.



PARROT TULIP

## PARROT TULIPS

The most brilliant and showy of all Tulips, and when massed in a bed they make a dazzling show.

	DOZ.	100
<b>Admiral de Constantinople.</b> Red	3 for 10	30 1 75
<b>Cafe Brun.</b> Rich brown	3 for 10	30 1 75
<b>Cramoisi Brilliant.</b> Scarlet	04	35 2 00
<b>Gloriosa.</b> Yellow and red	3 for 10	30 1 75
<b>Lutea.</b> Yellow	3 for 10	30 1 75
<b>Markgraaf.</b> Red and yellow	3 for 10	30 1 75
<b>Perfecta.</b> Red striped	3 for 10	30 1 75
<b>Superfine Mixed</b>	3 for 10	25 1 50

## LATE SHOW TULIPS

This class is very attractive and the flowers bloom after the early varieties.

	DOZ.	100
<b>Bizarres</b>	3 for 10	30 1 50
<b>Violets</b>	3 for 10	30 1 50
<b>Roses</b>	3 for 10	30 1 50
<b>Superfine Mixed, Late</b>	3 for 10	25 1 50

## OTHER LATE-FLOWERING TULIPS

**Gesneriana.** The most superb of all Tulips. The very large and symmetrically-formed flowers are borne on tall, strong stems, and keep in good condition much longer than any other variety. The color is a brilliant crimson-scarlet, with a deep blue-black base. When grown in masses it produces a magnificent effect. . . . . 04 40 2 35

**Darwin.** These splendid Tulips are borne on strong stems about two feet high, and embrace many colors which appear in no other class. . . . . 04 40 2 25

Add 40 cents per 100 if ordered by mail.

# NARCISSUS OR DAFFODILS

THE great variety of peculiar and graceful forms which the Narcissus assumes in its numerous varieties is particularly agreeable and fascinating. The well-known Daffodil and the Jonquil belong to this family of plants. With the exception of the Polyanthus varieties the bulbs are hardy in all parts of the country, and should be planted in Autumn in the garden border at the same time and in the same manner as Hyacinths and Tulips. The named varieties of the Single Narcissus in the following list are those of some of the most beautiful and the most highly prized, and their culture, including also the Jonquils, cannot be too strongly advised. The double varieties are less desirable for cutting, but they make a great show in the garden in early spring, and for this purpose they are admirable. The Polyanthus varieties are particularly desirable for window and greenhouse culture, planting three or four in a five or six-inch pot. All species of Narcissus love plenty of moisture. In pot culture this habit can be observed by keeping the plants freely supplied with water, and when grown among pebbles in bowls of water they are secured from drought.

## SINGLE AND TRUMPET NARCISSUS

Horsfieldii (Queen of Daffodils). Perianth white, yellow trumpet; magnificent . . .	DOZ	100	
	06	55	2 70
<b>Empress.</b> A great splendid flower of rare beauty. One of the best of the two-colored trumpets. Perianth white and of good substance, trumpet rich yellow. An excellent forcer . . .	07	65	3 35
Emperor. Deep yellow, large trumpet . .	06	55	2 70
Golden Spur. Rich golden yellow, both trumpet and perianth; early, large, and free blooming . . .	06	60	3 00
Henry Irving. Rich yellow, frilled trumpet; a magnificent flower . . .	06	55	2 70
Leedsii. Pure white, lemon yellow cup 3 for 10 . . .	30		1 25
Principes. Sulphur white, yellow trumpet; one of the best and earliest for winter forcing . . .	3 for 10	30	1 30
Poeticus (Pheasant's Eye). White, scarlet eye; cannot be forced but fine for garden culture . . .	3 for 10	20	75
Poeticus ornatus. Pure white, sweet-scented, fine for forcing; about a month earlier than the Pheasant's Eye . . .	2 for 5	25	1 25
Biflorus. White and yellow, 2 flowers 2 for 5 . . .	25		1 25
Trumpet Major. True golden yellow petals and trumpet, fine for forcing and cut flowers; the standard single yellow Daffodil . . .	3 for 10	35	1 50
Large Trumpet Varieties Mixed . . .	4	35	1 50
Medium Trumpet Varieties Mixed 3 for 10 . . .	30		1 25

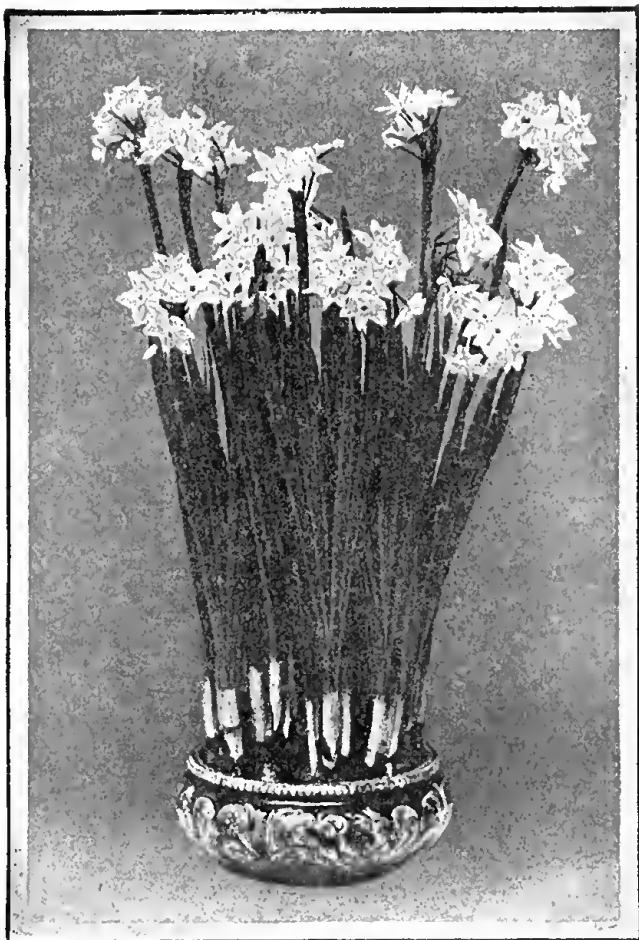
## DOUBLE NARCISSUS

Albo pleno odorato. White, sweet-scented; recommended highly for outdoors for cutting; cannot be forced . . .	2 for 5	25	1 25
Incomparable (Butter and Eggs). Yellow and orange; sweet-scented . . .	3 for 10	30	1 25
Orange Phoenix. White and orange 3 for 10 . . .	35		1 75
<b>Double Von Sion.</b> The true "Double Yellow Daffodil," 1st size 3 for 10 . . .	35		1 75
Double Von Sion. Extra selected . . .	04	40	2 25
Double Von Sion, Double Nose. Extra large bulbs, producing two or three flowers . . .	05	50	3 00
Double Mixed. . .	3 for 10	35	1 50

## POLYANTHUS NARCISSUS

Double Roman. White and yellow . . .	4	40	1 50
Gloriosum superbum. White, with deep orange cup; fine . . .	06	60	3 35
<b>Grand Monarque.</b> White, yellow cup, the finest of all white Polyanthus; excellent for growing in water . . .	06	60	3 35
Grand Soliel d'Or. Bright yellow, deep orange cup . . .	06	60	3 35
Her Majesty. Fine white . . .	06	60	3 35
Newton. Yellow, orange cup; very fine . . .	06	60	3 35

At the single and dozen prices we prepay mail or express charges.  
Hundred lots by express, charges not prepaid.



NARCISSUS, PAPER WHITE GRANDIFLORUS  
TWENTY-SIX DAYS OLD

**Paper White, Grandiflorus.** The best Narcissus for growing in water. The Chinese or Sacred Lily is usually considered the best variety of Narcissus for water-blooming, and in foliage and amount of bloom it is very satisfactory. In offering this variety as superior to it our friends may think we are drawing on our imagination, but it is a fact that Paper White is far more desirable for that purpose. The flowers are *larger, more attractive in color, and are intensely fragrant*. Place them in a shallow dish of water, with gravel or small stones at the bottom. Each 4 cents; dozen 40 cents; hundred \$1.75.

**Polyanthus Narcissus, Superfine Mixed.**

Each 5 cents; dozen 50 cents; hundred \$2.00.

## JONQUILS

All the following are particularly desirable for forcing and window culture.

	DOZ.	100
<b>Largest Double.</b> Sweet-scented . . . 3 for 10	35	2 35
<b>Single.</b> Sweet-scented . . . 2 for 5	20	1 25
<b>Campernel</b> (Great Jonquill.) Yellow, fragrant . . . . . 2 for 5	20	1 50
<b>Rugulosus.</b> Large golden yellow, much finer than Campernel . . . . . 2 for 5	25	1 75

## CHINESE SACRED LILY

A variety of Polyanthus Narcissus introduced by the Chinese. The flowers are pure silvery white, with golden yellow cups, chaste and graceful in appearance and of exquisite fragrance. A dozen bulbs started at intervals in shallow bowls of water, three or four bulbs in each dish, with just enough small pebbles or stones to prevent them from toppling over, will give a succession of flowers throughout the winter.

Extra large size bulbs, by mail postpaid, each 12 cents; per dozen, \$1.35.

## ALLIUM NEAPOLITANUM

This species is largely raised in Southern France for its handsome white flowers produced in clusters; and is extensively grown by florists. Six or eight bulbs may be planted in a five-inch pot; they will develop in a low or moderate temperature.

Two for 5 cents; dozen 20 cents; \$1.00 per 100, postpaid.

## GARDEN ANEMONE

The Garden Anemones are very beautiful flowers. Some are double, some are single, the single varieties being the most brilliant. These Anemones have not been grown generally at the north because somewhat tender, and are not advised except for those gardens which have some shelter, either from buildings or evergreen trees or closely planted shrubs, where on a well-drained border the bulbs may be planted in autumn and given the protection of a thick coating of stable litter or leaves or evergreen boughs. The flowers are so beautiful that they will give the highest satisfaction when they come into bloom in the spring. Plant them five inches apart and cover three inches deep. The bulbs can also be potted in the fall and kept cool and be brought into bloom in the window or the greenhouse.

<b>Anemone, single.</b> Mixed brightest . . . . .	DOZ.	100
colors . . . . . 2 for 5	20	\$1 00
<b>Double.</b> Best mixed colors . . . . . 3 for 10	30	1 75
<b>Single scarlet</b> . . . . . 2 for 5	25	1 25
<b>Double scarlet</b> . . . . . 04	40	2 25
<b>Single pure white</b> (The Bride) . . . 2 for 5	20	1 00

At prices quoted we prepay postage.

## CALLA LILY

### Richardia Africana

The well-known Egyptian Lily, or Lily of the Nile, with large white flowers and broad foliage. An excellent plant for aquariums. In the spring they may be planted in the garden, and left until September, when they may be taken up, potted, and removed to the house or conservatory, and will bloom in winter and spring.

Our Calla roots are grown for us in California, where the Calla is perfectly at home and grows magnificently. First Size, large flowering rhizomes, each 20 cents; per dozen, \$2.00.

Second Size, each 15 cents; dozen, \$1.50.

Third Size, each 10 cents; dozen, \$1.00.



## FREESIA

This is a delightful winter-blooming plant for window and conservatory. The bulbs are small, and six or eight can be planted in a five-inch pot. The earlier the bulbs are potted, the better, setting them down so that the soil will cover the tips. They will start both root and top growth without much delay, and can easily be had in bloom by Christmas. Be careful to keep them moist and in a moderate temperature. The flowers, which are white with a blotch of yellow at the throat, and about an inch in length, are produced in a raceme of five to eight, each standing erect. They are deliciously fragrant. The stems cut and placed in water keep well. After the plants have bloomed they can be given less and less water until the leaves have died, when the bulbs can be dried off and laid away until the following autumn.

<b>Freesia refracta alba, selected.</b>	DOZ.	100
Mammoth or monster bulbs . . . 3 for 10	30	2 00
Extra large size . . . . . 2 for 05	25	1 50
First size . . . . . 3 for 05	15	1 00

We pay the postage or express charges on all goods listed in this Catalogue, unless otherwise noted.

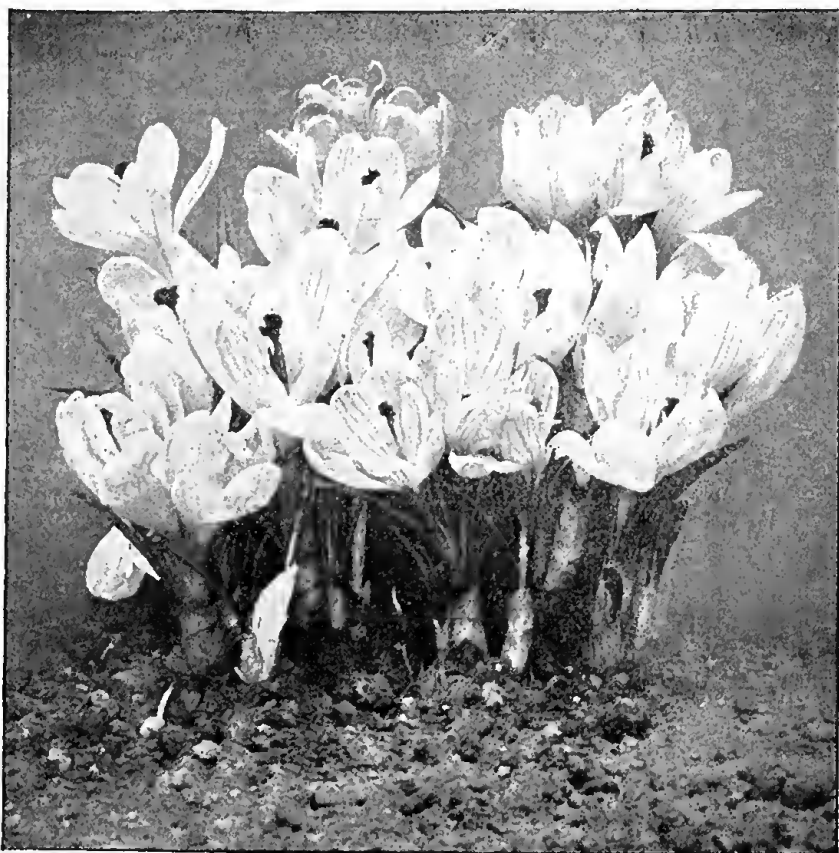


# CROCUS

## The First to Bloom in the Spring

The Crocus and the Snow-drop are the first flowers to appear in our gardens; they come as soon as the frost is out of the ground and while frosty nights still occur, but they are brave and hardy little heralds of the spring. The bulbs should be planted so as to cover quite a space on a flower border, or they may be set about two inches apart in a row as an edging. After flowering, the bulbs may be taken from the ground and kept in a dry place until planting time in the autumn, or may be allowed to remain in the ground; it will make no difference, except that those remaining undisturbed will be likely to flower a week or ten days earlier than those which have been replanted.

A very pretty effect is secured by planting the bulbs in large numbers on the lawn or front grass plat. They can be set in by thrusting down a narrow spade or a trowel and spreading the opening a little, sufficient to place in the bulb, and then crowding it together. In this way they are quickly planted and the sod is not disturbed. In early spring the flowers appear above the grass, and in our northern country it is a surprise to see the faces of these bright bloomers as soon as winter has gone. By the time it is necessary to run the lawn mower over the grass the flowers will have disappeared and no harm will come to them from the mower, but the bulbs will remain to send out again their flowers each succeeding spring.



### NAMED CROCUS—Large Bulbs

	DOZ.	100
Albion. Striped . . . . .	2 for 5	15 75
Baron von Brunow. Dark blue . . . . .	3 for 5	15 75
David Rizzio. Dark purple . . . . .	2 for 5	15 75
King of the Blues. Purple . . . . .	2 for 5	15 75
Lord Palmerston. Blue . . . . .	2 for 5	15 75
Mammoth. White . . . . .	2 for 5	15 75
Mont Blanc. Pure white . . . . .	2 for 5	15 75
Non Plus Ultra. Variegated . . . . .	2 for 5	15 75
President Grant. Striped . . . . .	2 for 5	15 75
Queen Victoria. White . . . . .	2 for 5	15 75
Robert Peel. Light blue . . . . .	2 for 5	15 75
Sir Walter Scott. Variegated . . . . .	2 for 5	15 75

### CROCUS IN COLORS

	DOZ.	100	1000
Blue and Purple . . . . .	10	45	\$3 00
White . . . . .	10	45	3 00
Striped and Variegated . . . . .	10	45	3 00
All colors mixed . . . . .	10	40	2 75
Large Yellow . . . . .	10	50	3 50
Mammoth Yellow. Flowers of enormous size . . . . .	2 for 5	20	1 00
Cloth of Gold . . . . .	2 for 5	15	75
Cloth of Silver . . . . .	2 for 5	15	75

We do not pay postage on 100 lots. If wanted by mail add 20 cents per 100, otherwise we will send by express, not paid.

## CHIONODOXA

Spring flowering plant, producing Scilla-like flowers; hardy and early. Excellent for winter blooming in the house, and also for cut flowers.

**Chionodoxa Lucillæ.** Azure blue. Two for 5 cents; per dozen, 20 cents; per hundred, \$1.25, postpaid.  
**Sardensis.** Fine dark blue. Two for 5 cents; per dozen, 25 cents; per hundred, \$1.50, postpaid.

## CROWN IMPERIAL

### FRITILLARIA IMPERIALIS.

A well-known, stately, hardy plant, which throws up a tall, vigorous stem, and in early spring produces a cluster of large, drooping, bell-shaped flowers, surmounted by a tuft of glossy green leaves. Bulbs should be planted four or five inches deep, and about a foot apart.  
**Mixed Varieties.** Each 15 cents; per dozen \$1.35.

## COLCHICUM

### THE AUTUMN-FLOWERING CROCUS

The Colchicum, Autumn Crocus, is a curious and interesting flower. The leaves appear in the spring, and the flowers in the autumn. The bulbs are perfectly hardy. Each bulb gives quite a cluster of flowers, generally six or eight, and so persistent is it in its determination to flower that if taken up early in the autumn before the time for flowering, and placed in a pot or basket, it will bloom just as well as if left in the ground.

**Colchicum autumnale.** Pink. Each, 10 cts.; doz. \$1.00.

## FRITILLARIA

Very early flowering bulbs, producing large, bell-shaped flowers of various colors. Suitable both for the open garden and for pot culture.

**Meleagris** (Guinea Hen Flower). Mixed varieties. 5 for 10 cents; per dozen, 35 cents; per hundred, \$2.00.  
**Imperialis.** See Crown Imperial.

## IRIS

The Iris or Flower de Luce, the *fleur-de-lis* of the French, is one of the most beautiful of hardy garden plants. There are several distinct species of these plants, natives of different regions, and each presents many garden varieties, the flowers of which are of peculiar and handsome formation, beautifully colored and marked, and equal in real beauty to the most showy orchids. The plants are hardy in the open garden, and some kinds are desirable for greenhouse culture.

	DOZ	100
English. Large, handsome flowers.	5	40 2 50
Spanish. Well adapted for pot culture and forcing in the winter.		
Mixed varieties . . . . .	3 for	5 15 85
Pavonia (Peacock). Small beautifully marked flower; desirable for window culture . . . . .	3 for	10 35 2 00

### GERMAN IRIS

German Iris, a good old flower, handsome and as many-hued as some of our finest orchids, and perfectly hardy. They bloom in May and June, when there is also a scarcity of flowers. Plant three inches deep.

**Bacchus.** White, edged with lavender.

**Gesneriana.** Upper petals white, lower lavender.

**Harlequin.** Lavender, lower petals striped purple.

**Madcap.** Lavender and purple.

**Phidias.** Bright yellow, lower petals mahogany.

**Souvenir.** Old gold and purple.

Each 20 cents, set of six for \$1.00.



SPANISH IRIS

### JAPAN IRIS

#### IRIS KÄMPFERI

The flowers of the Japan Iris are of the richest colors, ranging from white to purple, with delicate markings and veinings and quite different in form from those of the German Iris, being much flatter and larger. Some of the flowers are eight inches in diameter. They bloom in profusion during June and July, and are perfectly hardy and of easy culture, but do best where they can have abundant moisture at the roots, and for this reason are admirably adapted to culture by the side of streams and on the edges of ponds and lakes, or in any similar place where the soil retains moisture.

**Ada.** Lavender, pencilled blue.

**Blue Beard.** Very large and full, deep blue.

**Blue Jay.** Deep bluish plum, a rich and handsome color.

**Gold Bound.** Tall and showy, with flowers of enormous size, probably the most beautiful of all. Pure snow-white, with large gold-banded center.

**Mahogany.** Very large flower, deep mahogany-red.

**Pyramid.** Beautiful violet-purple, veined white.

Each 25 cents; dozen, \$2.50.



JAPAN IRIS

## IXIA

### THE RAINBOW FLOWER

Few flowers attract more attention by their curious forms and strange colorings, nearly all showing three or more colors. Several may be planted in a small pot. There is a greater difference in the form and color of Ixias than in almost any other class of plants. They are easily raised in pots in a coldframe, window, or greenhouse. Half a dozen bulbs may be put in a four-inch or five-inch pot.

Choice bulbs, three for 5 cents; per dozen, 20 cents; per 100, \$1.00, postpaid.

# LILY OF THE VALLEY

*"No flower amid the garden fairer grows  
Than the sweet lily of the lovely vale."*

One of the most charming and greatly admired plants grown. The bulbs or pips can be planted in a bed out doors, or they can be potted four to six in a four-inch pot, which can be left in a cool place for a time, and even if exposed to a sharp frost are not injured, but apparently benefited thereby, and then with plenty of warmth, light and water, they will soon produce beautiful green leaves, and sprays of lovely white and exquisitely fragrant blossoms. One or more pots may be sunk in the garden and left until wanted. It requires from three to five weeks for them to perfect their flowers if kept very warm and given plenty of water. Like those of other bulbs the flowers are larger and very much finer when raised in the house than in the garden.

**Vick's Extra Selected.** Each, 5 cents; half dozen, 25 cents; dozen, 40 cents; fifty, \$1.40; hundred, \$2.50 prepaid.

## LEUCOJUM

*Leucojum vernum* or Spring Snowflake resembles a monster Snowdrop; very useful for cutting; also makes a beautiful border or cluster around the edges of shrubbery. Well suited for pot culture. Flowers white, with bright green spots.

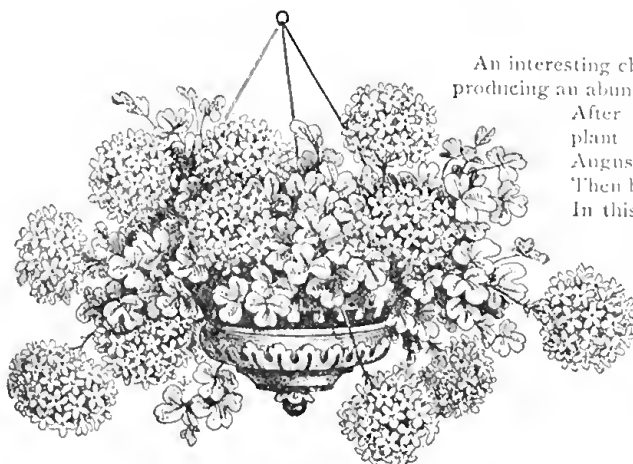
	EACH	DOZ.	100
<i>Leucojum vernum</i> . . . . .	03	30	\$3 00

At these prices we prepay postage.

## ORNITHOGALUM

A beautiful and showy plant. The flower spikes are from eighteen to twenty-four inches high, bearing numerous pearly white flowers with jet-black center, and with a perfume distinctly aromatic. The bloom remains perfect for many weeks. When grown in the garden they make an interesting and pretty sight. The plants are desirable for greenhouse or window decoration, and florists are now growing them largely for their value as cut flowers.

	EACH	DOZ.	100
<i>Ornithogalum Arabicum</i> . . . . .	05	50	\$5 00



BASKET OF OXALIS .

	EACH	DOZ.	100
<i>Arborea alba</i> , White . . . . .	04	40	\$2 50
<i>Bowiei</i> , Bright rose . . . . .	3 for 10	30	2 00
<i>Cernua flore-pleno</i> , Double yellow . . . . .	04	40	2 50
<i>Versicolor</i> , Variegated . . . . .	3 for 10	30	2 00



LILY OF THE VALLEY.

## SPARAXIS

These are small bulbs with flowers of many colors, like those of the *Ixia*, and they require the same treatment. They make beautiful winter-blooming plants. Several bulbs can be planted in a small pot, or a box in the window planted with *Ixias* and *Sparaxis* will give a great display of bright-colored, beautiful flowers.

	DOZ.	100
<i>Sparaxis</i> , mixed . . . . .	2 for 5	20 \$1 00

At prices quoted we prepay postage.

## OXALIS

An interesting class of small bulbs, desirable for winter-flowering in pots, producing an abundance of bloom. Plant from three to five bulbs in a pot.

After flowering, knock them out of the pots, separate and plant in fresh soil, keeping them in a dry place. About August or September they will commence growing again. Then bring them to the light and air, and commence watering. In this way the bulbs will keep sound all summer, and will increase rapidly. The leaves resemble in form the clover leaf. As the leaves are on long slender stalks, and consequently droop, the *Oxalis* can be readily adapted to hanging baskets and other similar purposes. The following are the best of the winter-flowering varieties, and may be grown either in pots or hanging baskets.

**Oxalis, Bermuda Buttercup.** This improved variety produces bright yellow flowers in greater profusion and size than any other of the species. Each, 4 cents; dozen, 40 cents; hundred, \$2.50.

	EACH	DOZ.	100
<i>Grand Duchesse</i> , Pink . . . . .	05	45	3 00
<i>Grand Duchesse</i> , Lavender . . . . .	05	45	3 00
<i>Grand Duchesse</i> , White . . . . .	05	45	3 00
<i>All colors mixed</i> . . . . .	3 for 10	30	1 50

At prices quoted we prepay postage.

# SNOWDROPS

*"The first pale blossom  
Of the unripened year."*

It is almost an even race between the Snowdrop and the Crocus to appear in the spring, the Snowdrop coming a few days first. As the name indicates the flowers are white, and instead of standing upright like the Crocus they are nodding on stems about six inches in height. The bulbs should be planted close like those of the Crocuses, and they, too, like the latter, can be planted on the lawn where they will maintain themselves for a number of years. They make very pretty pot plants for the window, starting several bulbs in a pot.

	DOZ.	100
Single Snowdrop . . . . .	2 for 05	20 \$1 00
Double Snowdrop . . . . .	3 for 10	30 2 00
Elwesii, Giant Snowdrop . . . . .	2 for 05	20 1 00

At prices quoted we prepay postage

## TRITELEIA

*Triteleia* is a South American species. The common name for it is Spring Starflower. Flowers pale blue, two to two and a half inches across, borne singly, very rarely two, on stems from nine to eighteen inches high. A good pot plant, and the bulbs increase rapidly.

	DOZ.	100
<i>Triteleia uniflora</i> . . . . .	2 for 05	20 \$1 00

At prices quoted we prepay postage.



## RANUNCULUS

The bulbs of the so-called Garden Ranunculus are somewhat tender in northern climates, where they can be recommended only for pot culture. The flowers are both single and double and of a great variety of colors. The bulbs have tooth-like prongs or claws and should be set with the claws downwards. The bulbs can be kept in sand in a low, even temperature through the winter, and can then be planted in the garden early in the spring. At the south they can be planted out in late autumn. In growing the plants in pots they should have a cool, moist atmosphere, such as afforded by a cool greenhouse.

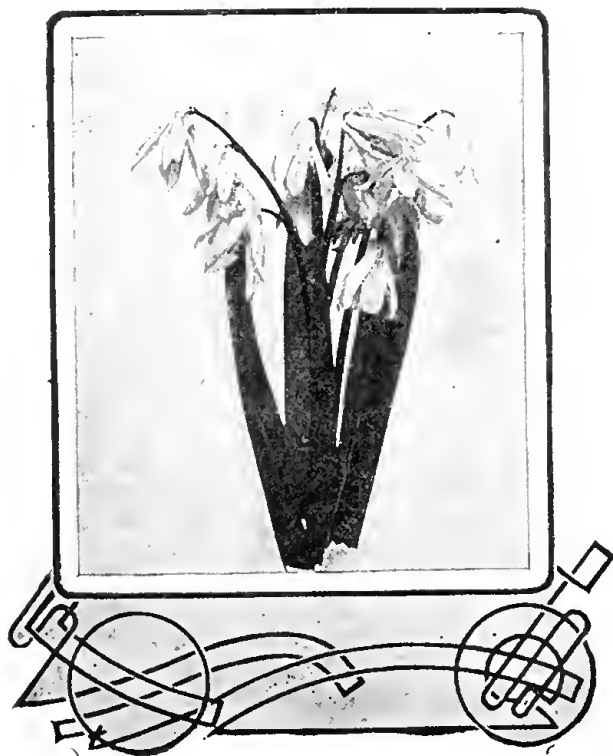
	DOZ.	100
Double French, mixed . . . . .	2 for 05	20 \$1 00
Double Persian, mixed . . . . .	2 for 05	20 1 00
Double Turban, mixed . . . . .	3 for 10	25 1 25

## SCILLA

Two of the best ornamental species of this genus of bulbous plants are here offered. The plants bloom before the leaves appear. The flowers, about an inch across, are borne in clusters on stems about four inches in height. *Scilla Siberica* produces flowers of an intense blue, while those of *S. præcox alba* are pure white. After the flowers are gone the leaves appear and a new growth of bulbs takes place. The bulbs are hardy, quite small, and should be planted in a group in the garden where they may be left. The plants can also be grown in pots, six or eight bulbs in a 4-inch or 5-inch pot, and will do well in a window or cool greenhouse. Do not give them a warm place. After growing in pots the bulbs can be turned out into the garden border.

	EACH	DOZ.	100
<i>Scilla Siberica</i> . Bright intense blue . . . . .	04	35	\$2 50
<i>præcox alba</i> . Pure white . . . . .	04	40	2 70

At prices quoted we prepay postage.



SCILLA SIBERICA



We call your especial attention to our list of Exhibition Hyacinths, on page six. There are none better to be had anywhere at any price





# Garden Lilies

Autumn is the best time for planting the bulbs.

THE Lily is a favorite flower everywhere. *Lilium candidum* does best when planted in August or September. This variety is valuable for forcing, and is used extensively for this purpose. The method is to plant the bulbs in six-inch pots, barely covering them with soil, then plunge them in the garden in a warm, sheltered place, and let them remain there until the pots are well filled with roots, after which they may be removed to the house or conservatory, where they will flower in eight or ten weeks.

After long experience, the varieties named in the following list are offered as forming the best collection of hardy Lilies that can be advised for garden culture. It not only embraces the most beautiful, but there is not one in the list difficult of culture, or that may be likely to disappoint the planter, if we except the *Auratum*, which sometimes proves a little treacherous; all the others can be easily raised, and most of them will improve if left undisturbed a number of years. In forcing *L. Harrisii* or *L. Japonicum longiflorum*, plant them in six-inch pots half-filled with a rich soil, sink the bulbs, leaving just the tips exposed. After the bulb has thrown its stem above the top of the pot, fill the pot with rich soil composed mostly of well-rotted cow manure, as these bulbs throw out rootlets from the stem of the bulb.

<b>Auratum.</b> The magnificent gold-banded Lily of Japan; freely spotted with crimson red; sweet-scented. Blooms about July 15th. Extra large bulbs . . . . .	EACH DOZ.	20	\$2 00
<b>Canadense.</b> Our native Lily; flowers drooping, delicate scarlet-yellow throat, spotted black. Blooms July 10th . . . . .	15	1	25
<b>Candidum.</b> Common white garden lily; hardy, free bloomer, fragrant . . . . .	15	1	50
<b>Elegans, Best Red.</b> Light red . . . . .	15	1	25
<b>Elegans atrosanguineum.</b> Blood-red . . . . .	20	2	00
<i>The above three varieties bloom about July 1st.</i>			
<b>Elegans Batmanniæ.</b> A beautiful Japanese variety; flowers upright, of clear apricot-yellow; strong and hardy; should have a place in every garden. Blooms about July 15th . . . . .	15	1	25
<b>Elegans Incomparable.</b> Deep crimson, slightly spotted with black . . . . .	15	1	50
<b>Elegans Wallacei.</b> Flowers rich vermilion-orange, spotted with maroon. Blooms in the autumn. Fine . . . . .	20	2	00
<b>Humboldtii.</b> Orange, spotted claret. Extra fine. Blooms July 15th . . . . .	30	3	00



<b>Harrisii.</b> (Easter Lily.) The flowers are pure white, trumpet-shaped, and are unexcelled in beauty by those of any other species, while the fragrance is simply exquisite. By starting the bulbs at intervals of a few weeks, a succession of bloom may be had for a long time. Many dealers offer small-sized bulbs, but we send out only the extra large size . . . . .	EACH DOZ	
	20	2 00
<b>Hansoni.</b> A rare early-flowering species of beautiful yellow color, petals very thick, dotted with purple. One of the handsomest varieties. Blooms second week in June . . . . .	75	7 50
<b>Japonicum longiflorum.</b> White, trumpet-shaped. Blooms about July 20th . . . . .	15	1 50
<b>Leichtlini.</b> Canary-yellow, spotted red. Very rare. Blooms August 15th . . . . .	40	4 00
<b>Leichtlini Maximowiczii.</b> Flowers salmon-scarlet, studded with large purple dots. Will become popular on account of its long season of bloom—from August until frost comes . . . . .	20	2 00
<b>Pardalinum.</b> The best of the Canadense class. Yellow and red spotted. Blooms about July 10th . . . . .	20	2 00
<b>Parryi.</b> Pure lemon yellow. Long trumpet shaped. Very fine . . . . .	50	5 00
<b>Speciosum Rubrum.</b> White and rose, dark crimson spots . . . . .	20	2 00
<b>Speciosum Melpomene.</b> Crimson, spotted with deep blood-red; each petal distinctly bordered with white. Same habit of growth as rubrum; stems dark and color of flower much deeper . . . . .	20	2 00
<b>Speciosum Album.</b> White . . . . .	20	2 00

*The above three bloom about August 15th.*

<b>Superbum.</b> Yellow and orange-red; drooping. Three to six feet high, bearing from five to twenty flowers. Blooms July 15th . . . . .	15	1 50
<b>Tenuifolium.</b> One of the most beautiful and delicate of the early-flowering varieties. Flowers dazzling vermilion-scarlet, suspended from slender, graceful stems; they are so bright as to attract attention from a great distance. The first to bloom . . . . .	20	2 00
<b>Tigrinum splendens.</b> Tiger Lily. Blooms about August 1st . . . . .	15	1 40
<b>Tigrinum fl. pl.</b> Double Tiger Lily. Blooms about August 15th . . . . .	15	1 50

*For \$1.00 at Single Rates purchasers may select to amount of \$1.25. For \$2.00 at single rates purchasers may select to amount of \$2.50.*

## THE DAY LILIES.

The Day Lilies are hardy garden border plants, bearing large Lily-like flowers. The plants can be set in autumn, and may receive the protection of a light covering of leaves the first winter after setting out.

- Funkia alba or White Day Lily.** Each 20 cents.  
**Japonica.** Light blue, with narrow foliage. Each 20 cents.  
**Undulata media picta.** Flowers lavender; foliage light green, beautifully variegated with white; one of the most beautiful hardy plants in cultivation, and without an equal for cemetery planting. Each 25 cents.  
**Hemerocallis flava.** Yellow or Lemon Lily. One of the best hardy border plants; flowers clear canary-yellow, very fragrant. Each 20 cents.

*One bulb each of the preceding 4 sorts 70 cents.*

- Golden Day Lily.** (*Hemerocallis aurantiaca major*). One of the finest perfectly hardy herbaceous plants which has been brought out for many a year. The habit of the plant is vigorous; the foliage rises to a height of two feet, and is of a deep green. The flower spikes are strong, bearing as many as twelve flowers in succession, which are seven to eight inches across, of a rich orange-yellow, quite distinct. Each 40 cents; two for 70 cents.

### Six Choice Lilies for \$1.00

The six varieties of Lilies illustrated on pages 16 and 17 we offer in a collection for \$1.00, or two collections for \$1.75, express or postage prepaid.



LILIUM LONGIFLORUM

L. SPECIOSUM RUBRUM

# Ornamental and Flowering Plants

WITH few exceptions, the following plants are such as can be easily grown in any ordinary parlor, sitting-room or greenhouse. As it is much more difficult to pack a single plant so that it will carry safely, than a larger number, we trust our customers will order accordingly. For economy and safety in packing it is best to order at least a dollar's worth of plants.

## ABUTILON

### FLOWERING MAPLE.

Hard-wooded greenhouse shrubs, blooming almost the entire year; well adapted for house culture. Flowers bell-shaped and drooping. Plants 15 cents each.

**Abutilon Eclipse.** A trailing variety, beautifully marked deep green and yellow; flowers bright yellow, with crimson throat.

**Souvenir de Bonn.** Foliage large, of a deep green color; each leaf edged with a broad white margin; flowers pink, striped with crimson.

## ACHANIA

**Achania Malvaviscus.** One of the most satisfactory house plants grown, with scarlet flowers; blooms summer and winter; not subject to insects of any kind. Each 15 cents.

## AMARYLLIS

The Amaryllis is very desirable for growing in pots, producing showy flowers. The bulbs should be potted in a rich sandy loam, with good drainage. They require abundant moisture when growing, but at their season of rest water should be given sparingly.

**Amaryllis Johnsoni.** Flowers crimson, five inches in diameter, each petal striped with white. Flower stalk two feet high, with clusters of two to five blooms. Each 50 cents.

## AMOMUM

**Amomum melgueta.** (Cardamom). An interesting greenhouse plant from Africa; grows much like the Calamita; leaves broad, green, and pleasantly fragrant. Each 15 cents.

## ARAUCARIA EXCELSA

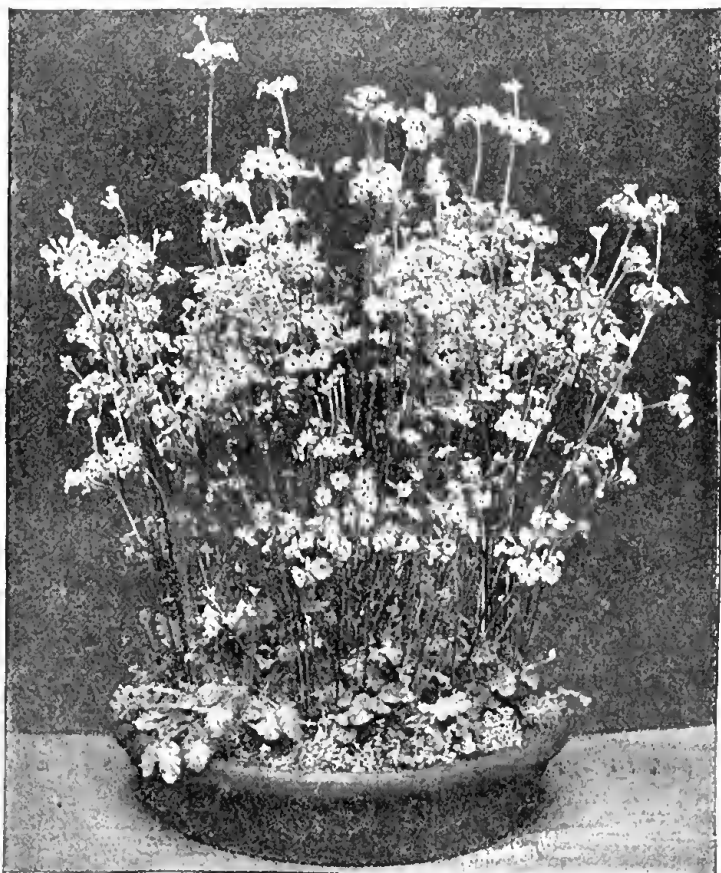
**Norfolk Island Pine.** One of the best tender evergreens for house culture. Very handsome and decorative. \$1.25 each.

## ANTHERICUM

**Anthericum vittatum variegatum.** An elegant house plant, with dark green leaves bordered with broad stripes of pure white. It throws up long spikes of small, star-shaped flowers. Fine for hanging baskets. Each 20 cents.

## ASPARAGUS SPRENGERI

One of the most rapid growing plants, making in a very short time great masses of fine, feathery, drooping foliage, exceedingly graceful and beautiful. The stems grow several feet in length, and are valuable for use in cut-flower work. As a house plant it has no superior, as it withstands the indoor temperature well. Each 20 cts.; two for 30 cts.



BABY PRIMROSE

## BABY PRIMROSE

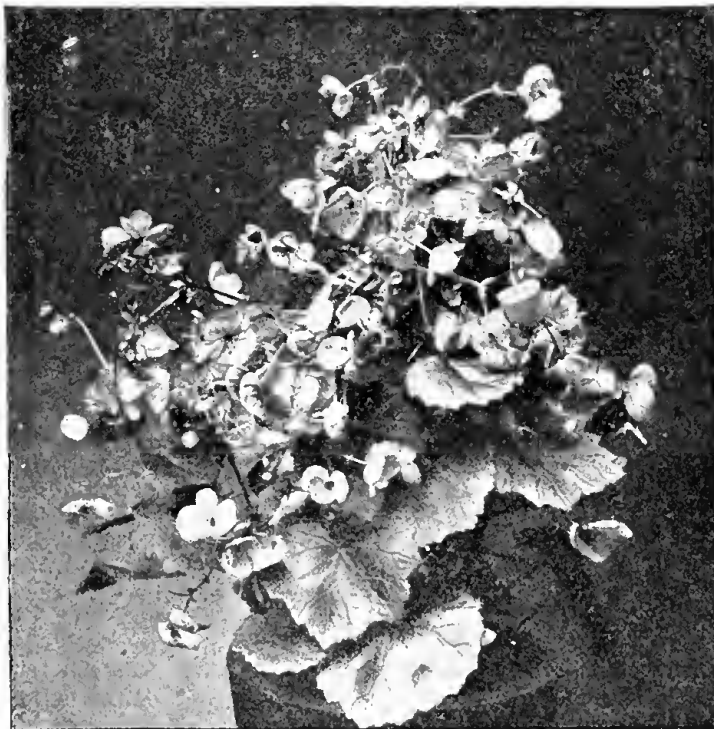
**Primula Forbesi.** Needs but little care. It forms a dense rosette of fleshy leaves, from which spring the flower stems about twelve inches tall; delicate rosy-lilac flowers produced in great abundance. Each 20 cents; two for 30 cents.

## AUCUBA JAPONICA VARIEGATA

A most useful plant for decorative purposes for the house in winter. Foliage dark green, freely spotted with bright yellow. Each 20 cents. Extra strong plants 30 cents.

## AZALEA

The diversity of color and free-blooming qualities of the different varieties of Azalea make them exceedingly popular. After blooming in the house, place the plants in a shady spot out of doors during summer, and remove to the house in fall for winter blooming. Color from pure white to dark crimson. Price, 10-inch heads, each \$1.00; 12-inch heads, each \$1.25; 14-inch heads, each \$1.50; 16-inch heads, each \$2.00.



FLOWERING BEGONIA

## FLOWERING BEGONIAS

This class of beautiful plants is deservedly popular. The beauty of foliage, combined with graceful flowers and free-blooming qualities, makes the plants highly desirable. As pot plants for winter decoration they have few equals. Each, 20 cents; per dozen, \$1.50, except where noted.

**Argentea guttata.** A purplish-bronze, handsomely marked with silvery spots and dashes. The flowers are borne in large clusters on the tips of the branches, and are of a pure waxy whiteness.

**Alba picta.** Leaves narrow, green, and nicely spotted with white; flowers white, in clusters.

**Bertha de Chateau-Rocher.** Flowers bright currant-red; splendid.

**Haageana.** Flowers creamy white; foliage bronze green and red.

**Duchartrei.** Purplish red leaves; blooms in panicles.

**Metallica.** A shrubby grower and free bloomer. Surface of leaf of a lustrous metallic or bronze color, veined darker; flower white.

**Sandersoni.** Scarlet; fine winter bloomer.

**Velutina.** Erect growth; dark rough foliage of a lustrous bronze green on upper surface, under side reddish bronze; flowers reddish white.

**Zebrina.** Foliage dark green, with whitish veins; flowers light pink.

## REX VARIETIES

The Rex varieties of Begonia are very effective as pot plants. Care should be taken to keep the foliage free from dust. Occasionally the plants may be showered, but should not be exposed to the sun until the leaves are perfectly dry. Each 20 cents; \$2.00 per dozen.

**Andalusia.** Silvery green, with deep green border.

**Countess Louise Erdody.** The wonderful Corkscrew Begonia.

**Edouard Andre.** Silvery green, with narrow green border.

**Walter Reid.** Deep green, with irregular silver zone; leaf small.

## CAREX JAPONICA VARIEGATA

A Japanese grass, very useful and ornamental for the house. Seems to enjoy the atmosphere of living-rooms. Each 15 cents; two for 25 cents.

CYCLAMEN  
PERSICUM GIGANTEUM

The Cyclamen is particularly adapted for window culture, as it blooms abundantly and for a long time in the winter and spring. The flowers are borne on long stems above the foliage, and are very showy. Strong bulbs, each 30 cents.

## CALLA

**Fragrans.** Resembles the old variety in size and color of flower, but has a strong and distinct fragrance. Each 25 cents.

**Little Gem.** A dwarf variety of the old Calla, eight inches high, free bloomer. Each, 15 cents; two for 25 cents.

## CYPERUS, Umbrella Plant

**Alternifolius.** A beautiful plant, easily grown. It makes a very showy plant for pot culture, is one of the best for ferneries, while for the aquarium it is without an equal. May be grown in soil kept constantly wet, or in a dish or vase of water. Each 15 cents.

## CARNATIONS

The Carnation is both beautiful and fragrant, and gives plenty of flowers for a long time. The ever-blooming varieties are admirable for winter flowers in the house, and are the main dependence of the

florist for the preparation of floral ornaments.

Strong field-grown plants, 30 cents each; two for 50 cents. This size furnished from September 15th to November 1st. Young plants, just right for winter blooming, 20 cents each; six for \$1.00.

**American Flag.** The flowers are regularly striped with scarlet and pure white, with foliage of metallic blue.

**General Gomez.** Brilliant cardinal-maroon.

**Genevieve Lord.** Flowers unusually large, beautiful pink.

**Dorothy.** A bright pure pink.

**Mrs. Francis Joost.** Light pink.

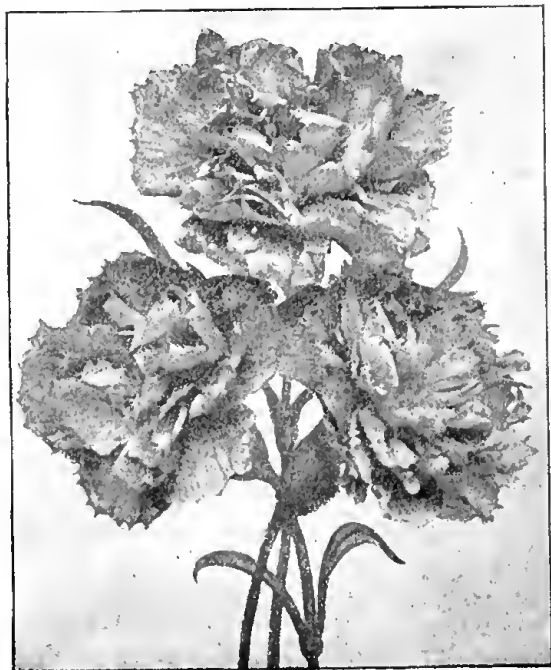
**Morning Glory.** Very delicate pink.

**Portia.** Bright scarlet.

**Prosperity.** White, overlaid with pink.

**Queen Louise.** Pure white.

**The Marquis.** Flowers large; bright shade of soft pink.



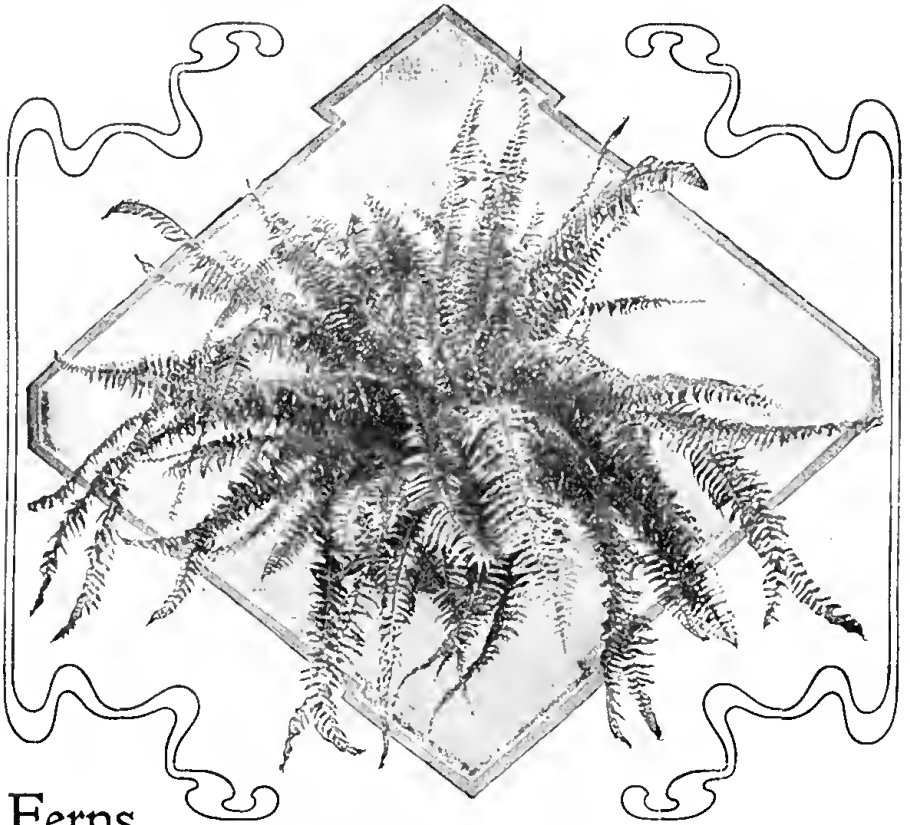
## LACE FERN

*Asparagus plumosus nanus.* Beautiful on account of its light feathery growth, which very much resembles lace. The graceful dark green foliage surpasses the Maiden-Hair Fern in delicacy of texture. Splendid as a pot plant and for decorative purposes. Each, 20 cents; two for 30 cents.

## RUBBER PLANT

*Ficus elastica.*

One of the best plants grown for table or house decoration. It succeeds well with ordinary treatment. The glossy green leaves seem especially formed to resist the dust and gas to which plants in dwelling-houses are exposed. Strong plants, 50c, 75c, and \$1.00 each.



THE BOSTON DROOPING FERN

## Decorative Ferns

Ferns cannot be dispensed with in elaborate decorations for the parlor. A single plant of the Sword Fern is as useful in producing a graceful effect as any plant we know of. In planting a fernery do not crowd them, but give room for the development of the fronds; their growth is rapid, and many varieties soon double their original size. Be your own florist and fill your fern dishes at home. Five of the best and hardiest varieties are sufficient to fill a fern dish eight inches in diameter. Each, 15 cts.; dozen, \$1.50.

*Adiantum cuneatum.* The popular Maiden-Hair Fern.  
*Aspidium Tsussimense.* A pretty species, with dark green foliage.

*Onychium japonicum.* A graceful Fern, with finely cut foliage.

*Polystichum setosum.* Foliage dark green.

*Pteris tremula.* A standard variety, with handsome fronds of a deep green color.

*Pteris argyrea.* Large, bold foliage, with broad band of white through center of each frond.

*Pteris Cretica albo-lineata.* A pretty and useful variegated variety; leaves green and white.

*Pteris Seiboldii.* Strong grower; dark green foliage.

*Pteris Wimsettii.* Fine for fern pans and house culture; finely crested.

*Nephrolepis Piersoni.* The winner of numerous Gold Medals, and highest awards wherever exhibited. This Fern is the most valuable plant novelty introduced in many years. It is very beautiful, is distinct from the Boston Fern, and we believe it will be even more popular than that old favorite. The fronds are a rich green in color, and are more finely cut and divided than are those of the Boston Fern. It is a free and quick grower, and succeeds admirably as a house plant. Strong young plants 20 cents each. Extra strong plants each \$1.00.

## MOSS FERN

*Selaginella Emiliana.* Although this is commonly called a Moss Fern it belongs to the Lycopodium family. It is a handsome plant, of upright growth, graceful and pretty. Useful for fernery. Each 15 cts.

## BOSTON DROOPING FERN

One of the most satisfactory of all decorative plants for house-culture. The handsome green fronds attain a length of four to five feet, and droop gracefully over on every side. Each, 20 cents; large plants, 75 cents.

*Anna Foster.* This is a sport of the Boston Fern, discovered in November, 1900, growing in a bench with the older variety. Each of the individual pinnae is a perfect miniature reproduction of the full frond as seen in the Boston Fern, unrolling in the same manner. This variety is a wonderful grower, the fronds often growing from four to six feet in length in one season. A charming novelty. Strong young plants, 20 cts. each. Extra strong plants, each 75 cts.

## FUCHSIAS

Each, 15 cents; dozen, \$1.50.

*Mary.* A profuse bloomer; the drooping flowers, over two inches long, are a brilliant crimson-scarlet. Altogether it is a very unique plant, and a fine addition to the window-garden or conservatory.

### SINGLE

*Black Prince.* Corolla roselike rose, sepals carmine.

### DOUBLE

*Avalanche.* Corolla violet, sepals crimson.

*Gigantea.* Tube and sepals carmine; corolla a shade of light magenta. Large and fine.

*Jupiter.* Corolla purple, sepals scarlet.

### DWARF-GROWING PLANTS

Handsome little bushy plants, covered with flowers all summer. Taken into the house they will bloom there a greater part of the winter.

*Bouquet.* Bushy plant, producing a prodigious number of good-sized flowers of beautiful form.

*Little Beauty.* A perfect gem; blooms when only about two inches high, and continues in flower the year round. Bright red tube and sepals; corolla rich purple.

## THE BEST DOUBLE AND SINGLE GERANIUMS FOR HOUSE CULTURE

Price of all Geraniums each, 15 cents; three for 40 cents; per dozen, \$1.50; except as noted.

### SINGLE VARIETIES

Albert Carre. Brilliant crimson-scarlet.  
Chaucier. Cerise: a beautiful, clear, bright shade.  
Gen. Galliene. Intense crimson.  
Meteore. Scarlet, white eye.  
M. P. Morlan. Bright rosy salmon, center white.  
Queen of the Whites Improved. Pure white.

### DOUBLE VARIETIES

Centaure. A fine double pink.  
Countess de Harcourt. Pure snow-white.  
Effective. Bright scarlet.  
Madame Jaulin. Delicate pink, bordered white.  
S. A. Nutt. Brilliant deep blood-red, with maroon shading.  
Toronto. Bright salmon.

### SWEET-SCENTED

Dr. Livingston. Leaves finely divided, very fragrant.  
Rose. The most desirable of the scented varieties.

### IVY-LEAF

Thick, glossy, Ivy-shaped leaves; plants drooping in habit.  
Jeanne d'Arc. White, suffused with lavender.  
Souvenir de Charles Turner. Deep pink, feathered maroon in upper petals.

### BRONZE

Leaves show the most beautiful shades of yellow or brownish red, the foliage being as handsome as flowers.  
Black Douglas. Flowers salmon; foliage golden yellow, red zone.  
Magician. Leaf green and yellow, chocolate zone; flowers double, scarlet.

## GREVILLEA ROBUSTA, The Silk Oak

A beautiful plant for decorative purposes; quick of growth and of easy culture. The leaves are a light bronze color, the tips being covered with a soft down resembling raw silk. For the house it is unsurpassed, as it needs little attention. Each, 20 cents; two for 30 cents.

## OTAHEITE ORANGE

A dwarf orange, which grows, blooms, and fruits freely in pots, when only a foot or two high. Fruit about one-half the size of ordinary oranges. The blossoms are produced in great abundance, delicate and beautiful in color, and of a delicious perfume. Strong plants, each 20 cents; extra strong plants, each 35 cents.

## OXALIS

Handsome plant for pot culture, always in bloom, and not requiring any special care.

Ortgiesii, or Golden Star. About twelve inches high; branches freely; dark olive green foliage, under side purple. Flowers in clusters, star-shaped, bright golden yellow, always in bloom. Each 15 cts.; two for 25 cts.

## PRIMULA

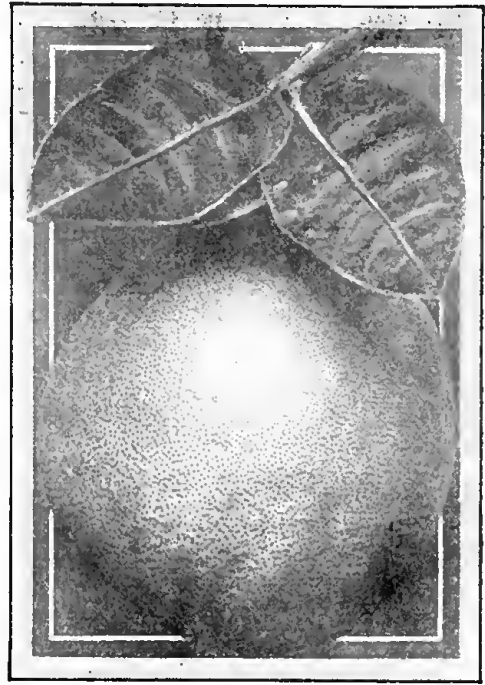
### Obconica Grandiflora

Perpetual-blooming, bearing large trusses of flowers on long stems well above the foliage; color pale lilac, shading to white. Each 15 cents.

## CHINESE PRIMROSE

Few house-plants afford better satisfaction. Requires a cool north window. Care should be taken that no water falls on the buds, as it causes them to rot. In summer they can be turned out into a shady border.

Single White, or Single Pink. Each 20 cents.



## LARGE-FRUITED LEMON PONDEROSA

Nothing that has ever been brought to our notice in the plant line has caused half the commotion that this wonderful Lemon has. It is a true everbearing variety. On a plant six feet high no less than eighty-nine of these ponderous lemons were growing at one time. It was a beautiful sight. The tree was blooming, and at the same time had fruit in all stages of development, from the size of a pea up to the ripe fruit. Fruit weighing over four pounds has been taken from this tree. The lemons have very thin rind for such large fruit. It is the juiciest of all lemons, makes delicious lemonade, and for culinary purposes cannot be excelled. Ponderosa Lemon is sure to become popular when it is known. It fruits when quite small, and makes a lovely house plant. Everybody can grow their own lemons. Thrifty young plants, each 25 cents; two for 40 cents.

## PALMS

Palms will do well at a window where there is little or no direct sunshine. A regular, but not excessive, supply of water and a fair light are all the plants demand during the cool season. The soil should be a substantial fibery loam. A daily syringing of the leaves is an advantage, but in winter once a week is sufficient. If kept in a living-room with dry furnace heat, daily syringing or spraying the leaves is advisable. We here offer plants of the handsomest and most reliable species. First size, eighteen to twenty inches high. Second size, twelve inches high. Third size, strong plants from 3-inch pots.

Sent by Mail or Express at these Prices.

Kentia Belmoreana. Graceful arching leaves, with long, terete, shining, yellowish-brown petioles; divisions of the leaves twenty to thirty in number, strap-shaped, and deep green in color. This Palm will stand a great deal of ill usage and maintain a good appearance. First size \$1.25; second size 85 cents; third size 35 cents.

Kentia Forsteriana. The beautiful "Thatch Palm." Similar to K. Belmoreana, but the petioles are a darker green and the leaf divisions broader. A handsome Palm for table decoration. First size \$1.25; second size 85 cents; third size 25 cents.

Latania Borbonica. Fan-shaped leaves, split into divisions at the apex. A strong, vigorous plant, and makes a fine appearance in the window or in contrast with other plants. First size \$1.25; second size 50 cents; third size 25 cents.



# The Rose, Queen of the Flowers

**T**HE autumn season, after the first of October, is especially favorable for transplanting the hardy roses. The plants should be dormant; that is, the growth should be finished and the plants have dropped their leaves, or at least the leaves should have been removed from the hard and ripened wood. In this condition there can be no drooping of the plants, and all wounds tend to callous and heal over quickly, and possibly even to make some new roots before cold weather sets in, and the plants are ready to start off into new growth at the earliest opportunity in the spring. In setting the plants remove with a sharp knife any portions of injured roots, leaving a smooth cut surface. Be sure and plant in deep-spaded, mellow, and well-enriched soil, where no water will lie. Early in the spring the tops should be cut back sharply, leaving only some six or eight inches of stem. After planting draw some soil up into a mound around each plant and then cover the ground with a good thickness of stable litter, leaves or evergreen boughs if they can be had.

## HYBRID PERPETUAL ROSES.

The Hybrid Perpetual class is entirely hardy. The flowers are of large size, and of the most beautiful colors. Through their blooming season they give us a show of brilliant colors unequalled by any other plants. The following are only a few of the Hybrid Perpetual Roses we cultivate, but they form a good collection. Those who leave the selection to us shall have our best efforts to serve them.

**TWO-YEAR PLANTS.**—The varieties in the following list can be supplied in EXTRA STRONG two-year plants, each 50 cents; \$5.00 per dozen, except where noted.

**ONE-YEAR PLANTS.**—We can supply one-year plants of all H. P. Roses at 25 cents each; \$2.50 per dozen.

**Alfred Colomb.** Brilliant carmine-crimson; very large, full, and of fine globular form.

**Archduchesse d'Autriche.** Bright satiny pink.

**Anna de Diesbach.** Beautiful shade of carmine; fine.

**Baron de Bonstettin.** Rich velvety maroon.

**Caroline Marniesse.** Pure (or slightly creamy) white; double, and sweetly tea-scented. A perpetual bloomer.

**Coquette des Alpes.** White, slightly shaded with carmine; a perpetual bloomer.

**Coquette des Blanches.** Pure white, sometimes delicately tinged with pink.

**Francois Levet.** Large flower of fine form, on straight stiff stems; bright clear rose color; a splendid variety.

**General Jacqueminot.** Rich, crimson-scarlet, very bright and velvety; much admired and in great demand.

**John Keynes.** Dark velvety crimson; large, fine form.

**La France.** Silvery rose, changing to pink; beautiful both in flower and bud. A constant bloomer.

**La Reine.** A beautiful, clear, bright rose; full form; very fragrant.

**Madame Plantier.** Summer bloomer; pure white.

**Margaret Dickson.** Best white Hybrid-Perpetual; has the fragrance of the finest Tea Roses. Each 40 cents.

**Magna Charta.** Color a beautiful bright pink suffused with carmine.

**Mrs. John Laing.** Delicate pink; large; fine form; very fragrant.

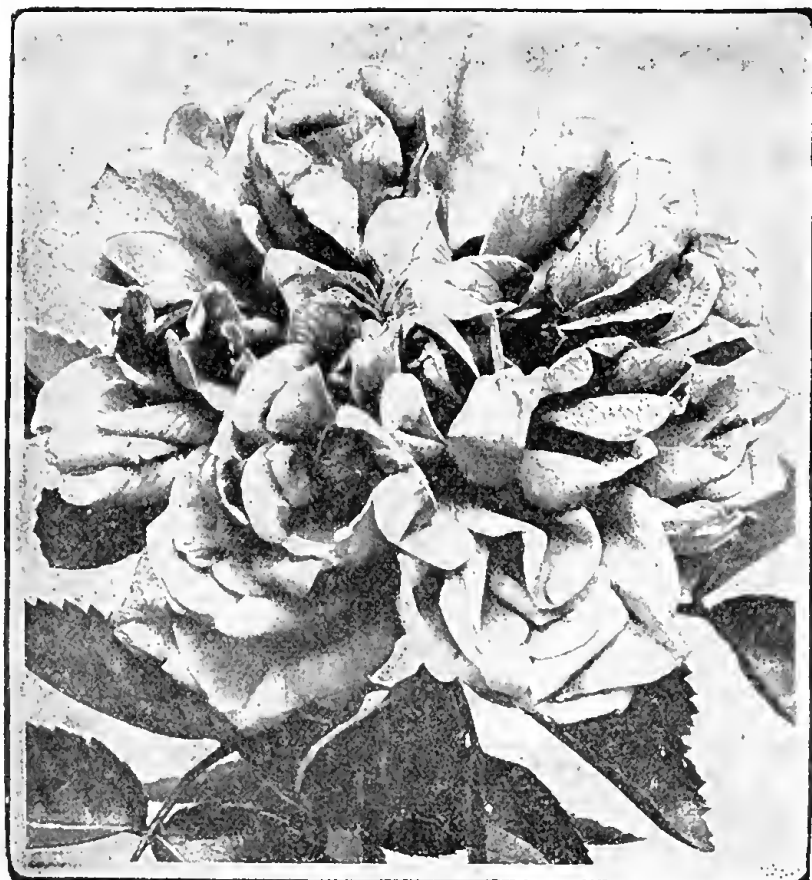
**Pæonia.** Bright clear red; very sweet; one of the finest.

**Paul Neyron.** Flowers very large, in fact the largest of all Roses; deep rose color; full, fragrant, and a free bloomer.

**Prince Camille de Rohan.** Rich, dark, velvety crimson, shading to maroon; very double and sweet.

**Vick's Caprice.** Ground color soft satiny pink, distinctly striped and dashed with white and carmine; beautiful in bud.

**Victor Verdier.** Bright rose, crimson center.



NEW HARDY YELLOW ROSE, SOLIEL D'OR

## NEW HARDY YELLOW ROSE

SOLEIL D'OR (Golden Sun)

This magnificent variety is perfectly hardy, robust and vigorous, making a growth of about three feet in height. The buds are conical in shape, and of a lovely hue. The flowers are three and a half inches in diameter, well incurved, and superb in color, varying from gold and orange-yellow to reddish-gold, shaded with Nasturtium-red. The plant is perpetual-flowering. Strong 2-year plants, each 75 cents.

## MOSS ROSES

Moss Roses are very popular and much admired for their buds, which are covered with a moss-like texture. Two-year-plants, each 40 cents; per dozen \$4.00.

Rose, Comtesse de Murinais. Pale flesh, changing to white.

Henry Martin. Dark red.

Madame de Rochelambert. Bright pink.

Princess Adelaide. Pink.

## HYBRID WICHURAIANA

### EVERGREEN SET OF MEMORIAL ROSES

A new and distinct type of Hardy Roses. They make shoots in one season of from twelve to twenty feet in length, completely covering the ground with their bright glossy foliage and showy, fragrant flowers. For covering stumps and trees, walls and trellises, they are unequalled. Strong 1-year plants, 25 cents each; the set for 75 cents. Two-year plants, 40 cents each; the set for \$1.25.

Rose, Manda's Triumph. Flowers large, double, in clusters, pure white and fragrant.

Pink Roamer. Flowers single, a clear pink, and delightfully fragrant.

South Orange Perfection. Flowers bluish pink, changing to white, double, medium-sized; profuse bloomer.

Universal Favorite. A robust grower. Flowers large, double, fragrant, and of a deep rose color.

## WICHURAIANA

### MEMORIAL ROSE

A Japanese variety which creeps on the earth after the habit of Ivy. The flowers grow in profusion in clusters at the ends of the branches. Flowers pure white, with yellow stamens, and very fragrant. Valuable for use in cemeteries and covering rockeries, etc. Hardy. 1-year, 25 cents; per dozen, \$2.50. Two-year plants, each 40 cents; per dozen \$4.00.

## POLYANTHA ROSES.

Plants each 15 cents; \$1.50 per dozen.

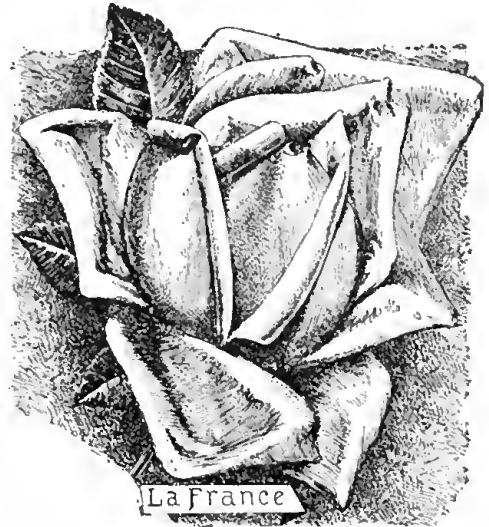
Madame Cecil Brunner. Color salmon-rose on a yellow ground.

Etoile de Mai. Blooms in clusters; full; nankeen-yellow changing to pale yellow. Free flowering.

Mignonette. Rose, changing to blush; clusters large.

Princess Marie Adelaide. Large clusters of small double flowers; bright pink.

White Souper. Pure white, full and double flowers.



## BEAUTIFUL RAMBLER ROSES

The Ramblers are so well known that it is unnecessary to devote space to a long description of these wonderfully beautiful and useful hardy climbers. They are suitable for training on walls, verandas, trellises, arbors, and pillars, and as specimen pot plants for winter forcing. Flowers are well-formed and though small are produced in so great profusion as to present an immense mass of bloom. The Crimson is the best color and most satisfactory. When in bloom the plants are literally covered with thousands of brilliant crimson flowers.

Pink. Yellow. White. Crimson.

Two-year plants 50 cents; set of four for \$1.50.

## CLIMBING ROSES

Are perfectly hardy; bloom early in summer, and when in a rich soil soon cover any arbor or porch. Two-year plants, each 35 cents; two for 60 cents.

Baltimore Belle. Pale blush, nearly white.

Queen of the Prairie. Rosy red; fine.

It may be well to give the caution that Climbing Roses do not require the close annual pruning that the Hybrid Perpetuals need, nor will they subvert to it and produce flowers. The long shoots or canes of the climbers bear short side branches on which the flowers are borne, and the plants are capable of bearing great numbers of flowers annually; these side growths are therefore to be encouraged. Cut out all old canes and cut back the side shoots for renewal.

## HELENE

### A SEEDLING FROM CRIMSON RAMBLER.

Color pure soft violet-rose, almost blush; base of petals yellowish. The buds are carmine, finely ciliated or mossed, and are borne in clusters of from twenty-five to fifty. Hardy.

Strong young plants, each, 25 cents; per dozen \$2.50.

Strong two-year plants, each 40 cents; per dozen \$4.00.

# MONTHLY ROSES

The ever-blooming class comprises the Teas, Chinas, Noisettes, and Bourbons. These have free-blooming qualities, exquisite fragrance, and delicate colors. They are well adapted to house-culture. The varieties offered are among the best in cultivation; they have been carefully grown in pots during the summer, and are in excellent condition for winter flowering. Shower the plants frequently, or sponge the leaves to keep them clear of the red spider, their worst enemy in the house. Fine strong plants, each 15 cents; \$1.50 per dozen. Italic letters indicate classes: *t*, Tea; *c*, China.

Aurora. Bright pink. *t*.

Bon Silene. Carmine, tinted with salmon. *t*.

Bridesmaid. Clear delicate pink. *t*.

Catharine Mermet. Flesh color; buds finely formed. *t*.

Charles Rovolli. Carmine, changing to silver-rose. *t*.

Coquette de Lyon. Canary-yellow. *t*.

Francisca Kruger. Coppery yellow, peach-shaded. *t*.

Gen. de Tartas. Carmine, shaded purple. *t*.

Jules Finger. Bright rosy scarlet and intense crimson. *t*.

La Princess Vera. Flesh; coppery rose border. *t*.

Madame Camille. Soft rosy pink. *t*.

Maman Cochet. Deep rosy pink, inner side of petals silvery rose. *t*.

Marie Guillot. White, tinged with pale yellow. *t*.

Marechal Niel. Yellow, tea-scented. *t*.

Princess de Sagan. The richest crimson of any Rose in our collection. *t*.

Perle des Jardins. Rich shade of yellow; perfect form. *t*.

Queen's Scarlet. Crimson-scarlet; beautiful buds. *c*.

Safrano. Saffron-yellow. *t*.

White Maman Cochet. Flower extremely large, round and full; a pure white. *t*.

# Hardy Plants for Fall Planting



## VICK'S DOUBLE ANEMONE WHIRLWIND

Planted outdoors this fall it will bloom the following season.

The double variety "Whirlwind" has all the free-blooming and other good qualities of the single white, and the additional ones of greater hardiness of plants and more lasting blooms. Each 20 cents; dozen, \$2.00.

**Queen Charlotte.** An early-flowering pink Anemone. Of vigorous growth. Begins to flower in August, continues to bloom until November, and becomes more attractive each day. Flowers semi-double, broad, perfectly formed, and of a pleasing shade of silvery pink. Each 20 cents; \$2.00 per dozen.

**SINGLE ANEMONE.** One of the best hardy autumn-flowering plants we have.

**Japonica alba.** Pure white. Each 20 cents; dozen, \$2.00.

## ACHILLEA

**The Pearl.** The blooms are of purest white, and so large that they resemble a Pompon Chrysanthemum. Hardy, and will thrive in almost any situation. Very desirable for the garden or cemetery; blooms nearly the whole season. Each 20 cents; three for 50 cents.

**Millifolium roseum.** Foliage finely cut; flowers pink. A continuous bloomer. Each 20 cents; two for 30 cents.

## ARABIS ALPINA

A very early spring-flowering plant. Flowers pure white. Each 20 cents.

## AQUILEGIA

**Chrysantha.** The beautiful golden yellow Columbine. Each 20 cents.

**Cærulea.** This is the true form of the Rocky Mountain Columbine. Flowers blue. Each 20 cents.

## BLUE SPIRAEA

**Caryopteris mastacanthus.** A handsome free-growing plant, with numerous small blue or lavender flowers clustered around the branches just above each pair of leaves. An excellent bee-plant. Each 20 cents; two for 30 cents.

## CLEMATIS DAVIDIANA

A vigorous hardy plant, two to four feet high, with handsome foliage. The flowers are bell-shaped, deep lavender or violet in color, very fragrant, and are produced in clusters in great profusion. One of the most desirable of hardy herbaceous perennials. Strong plants, each 25 cents; two for 40 cents.

## COREOPSIS LANCEOLATA

Flowers large, bright golden yellow, and produced in the greatest profusion the entire summer; invaluable for cutting. Each 20 cts.

## HARDY POMPON CHRYSANTHEMUMS

These are the very best of all Chrysanthemums for planting out of doors, and also very desirable for growing as pot plants, being dwarf, compact growers, and free bloomers. They are perfectly hardy, blooming before severe frosts will hurt the flowers.

**Ada.** Deep clear yellow, small, but a pretty and interesting flower.

**Crimson Ball.** Beautiful deep crimson.

**Drin Drin.** Smallest; bright orange.

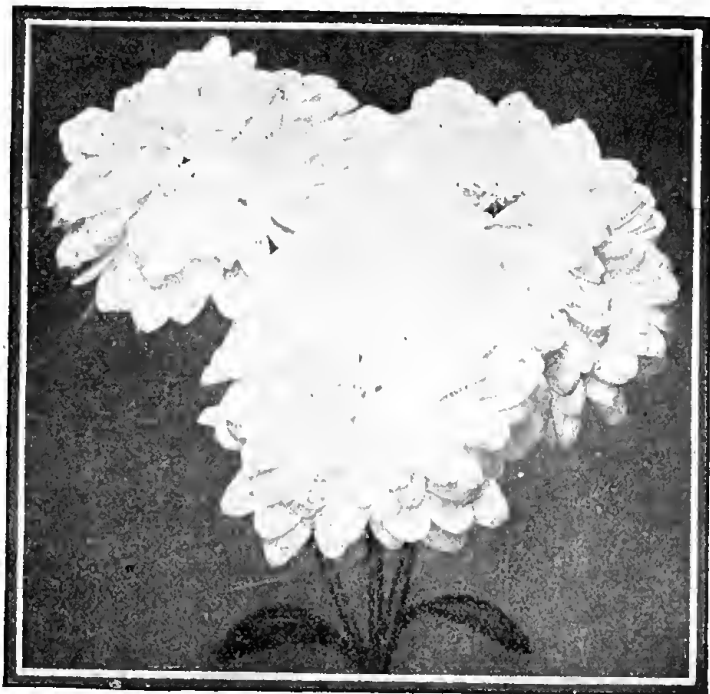
**Delicatissima.** Center deep wine color, outer petals delicate pink.

**Julia Lagravere.** Crimson-maroon.

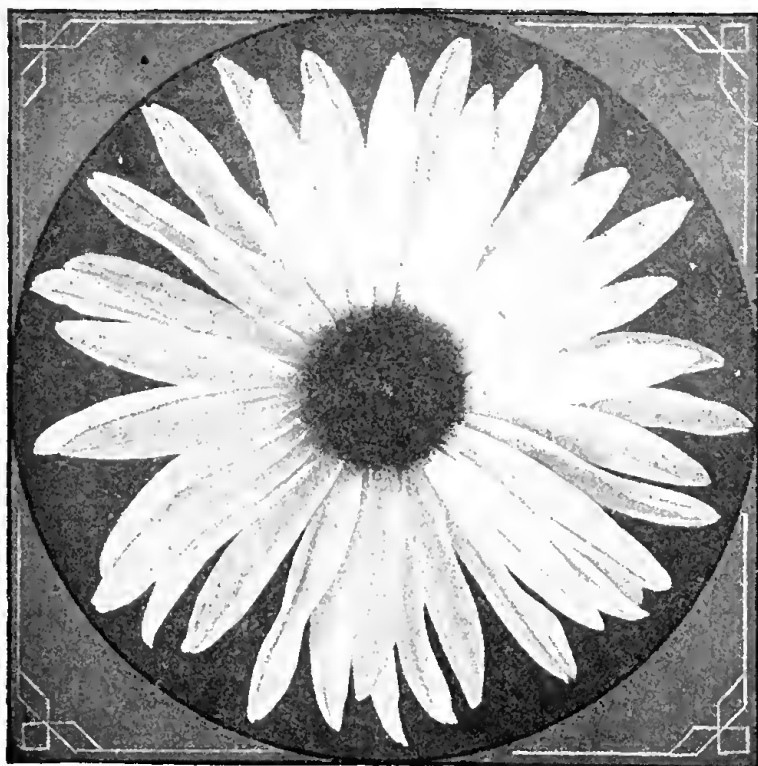
**Pink Beauty.** Fine soft pink.

**Prince of Wales.** Fine white.

Each 15 cents; dozen, \$1.50.



POMPON CHRYSANTHEMUM



SHASTA DAISY  
*One inch less than full diameter*

### EULALIA

**Eulalia Japonica variegata.** This variety, except that the variegation of the leaf is lengthwise, is very similar in style and habit of growth to *E. Japonica zebrina*, and it forms so beautiful and striking a contrast to that variety as to make them desirable companion plants.

**Japonica zebrina.** This plant is unlike most variegated plants, as its stripe or marking is across the leaf instead of lengthwise. In fall it bears large tassell-like plumes.

**Gracillima univittata.** The most beautiful of all the Eulalias. Foliage narrow, dark green, with a silvery white midrib.

Each 20 cents; one plant of each of above three for 50 cents.

### HELIANTHUS

#### HARDY SUNFLOWERS

These varieties of Helianthus are perfectly hardy in this locality, but in colder regions a protection of coarse litter will be required. The plants attain a height of about four feet, and in their blooming season, in August and September, they are nearly covered with bright golden-yellow double flowers, about the size of a Dahlia; they are very desirable for cutting. Each 15 cents; dozen, \$1.50.

**Helianthus lataefrons.** Plant of distinct habit, forming a pyramid of lovely flowers and foliage. Flowers golden-yellow, single.

**Maximiliani.** Grows from five to seven feet high; flowers produced in long graceful sprays of golden-yellow.

**Multiflorus plenus.** Yellow flowers, perfectly formed.

**Soliel d'Or.** The Golden Quilled Sunflower; similar to the above variety, except that the petals are quilled like some of our finest Dahlias.

### HELIOPSIS PITCHERIANA

A hardy perennial, three feet high, broad and bushy, and a perpetual bloomer. Flowers deep golden yellow, two inches across. Very fine for cutting. Each 15 cents.

## SHASTA DAISY

The Shasta Daisy is one of the most marvelous productions in the flower line that has ever been brought to the notice of floriculturists. It is the first of a new type, which has been obtained by hybridization and rigid selection through a series of years. Its first qualification is extreme hardiness. Second, it is perennial, blooming better and more abundantly each season. Third, it can be multiplied rapidly by simple division, and it is not particular as to soil. Fourth, it blooms for several months. Fifth, the flowers are extremely large and graceful, averaging about four inches in diameter, with petals of the purest glistening whiteness, and are borne on single, long, stiff, wiry stems. Sixth, the blooms when cut remain perfectly fresh and in good condition for two weeks or more. No other flower can compare with it in usefulness. Each 20 cents.

### DELPHINIUM

Delphiniums or Larkspurs are valuable plants.

**Formosum.** A most brilliant deep blue, the finest blue flower known among our hardy plants. Each 20 cents.

**Bee Larkspur.** Interesting for the manner in which the petals are folded up in the center of each flower, so as to resemble a bee. Flowers of lighter shade than Delphinium formosum. Each 20 cents.

### DICENTRA

**Dicentra spectabilis**, or Bleeding Heart. Bears heart-shaped, deep pink flowers in a graceful drooping raceme a foot or more in length. Each 30 cents.

### DICTAMNUS FRAXINELLA NATURAL GAS PLANT

A very showy border perennial, forming a bush about two feet in height, having fragrant foliage, and spikes of curious flowers, giving off during hot weather a fragrant volatile oil which under some conditions may be lighted when a match is applied to it. Two colors, White and Red. Plants, each 25 cents.

**BOLTONIA ASTEROIDES.** Attains a height of four feet; flowers like single Asters; blooms during summer and autumn. Produces hundreds of flowers at one time. Each 20 cents; dozen, \$2.00.

**DIGITALIS.** (Foxglove). A highly ornamental plant of stately growth. Each 20 cents.

**EUPHORBIA COROLLATA.** Blossoms from July to October. Flowers white, small and star-shaped. Useful for bouquets. Each 15 cents; two for 25 cents.

**ERIANTHUS RAVENNÆ.** Resembles the Pampas Grass; producing beautiful plumes from ten to twelve inches in length on stalks from five to seven feet high. Each 20 cents.

**FRAGARIA INDICA**, or Indian Strawberry. Not edible but a pretty and attractive hardy plant. Each 15 cents.

**GAILLARDIA GRANDIFLORA.** Among the most attractive and effective of our hardy perennial plants; one mass of bloom from June till autumn. Each 20 cents.

**GEUM ATROSANGUINEUM.** Produces a mass of scarlet flowers during the summer and fall months. Each 15 cents.

**GYPSOPHILA PANICULATA.** Gypsophilas are valuable for bouquet making, either green or dried. They are very graceful and easily cultivated. Should be in every garden. Flowers white. Each 15 cents.

**HIBISCUS**

Each 20 cents; two for 35 cents.

**Hibiscus, Crimson Eye.** A robust grower with dark red stems and handsome foliage. The flowers are immense in size, often measuring twenty inches in circumference. The color is pure white, with a velvety crimson center in each flower.

**Large-Flowering.** Perfectly hardy in any place, and is one of the most beautiful hardy flowering plants we have. The color is a deep pink.

**HOLLYHOCK — Double**

We have excellent healthy plants, grown from seed, that will flower the first summer, and usually for three or four summers after. Give the plants a light covering of coarse litter for winter protection. The colors are nicely assorted, so that almost every color from white to purple may be expected. Each 20 cents; the set of six colors for \$1.00.

**PERENNIAL PHLOX**

One of the best of the hardy flowering plants. A show of brilliant flowers can be had from June until November. The varieties listed are all large-flowering. If you want something extra fine, plant generously of Perennial Phlox. Strong field-grown plants, each 20 cents; dozen, \$2.00.

**Phlox, Cross of Honor.** White, striped with lilac.

**Countess de Castries.** White, rose eye.

**Esclamonde.** Rosy lilac, shaded white; large purple center surrounded with white halo.

**Edgar Quinet.** Rosy amaranth.

**Eclairneur.** Carmine, salmon center, with rosy-white star.

**Isabey.** Orange-salmon, center purplish crimson.

**Jourdan.** Purplish crimson.

**Little Blush.** Pure white, changing to delicate pink.

**Mt. Blanc.** Pure white; dwarf.

**Mlle. Cuppenheim.** Pure white; late.

**M. Bezanson.** Fiery crimson, velvety purple eye.

**Nettie Stewart.** Pure white, faintly tinged pink at base of petals.

**Premier Ministre.** Rosy white, center deep rose.

**Richard Wallace.** Pure white with distinct violet eye.

**Teddy.** Rosy white, with carmine eye; tips of petals sometimes striped crimson.

**IBERIS SEMPERVIRENS**

**Evergreen Candytuft.** Produces innumerable flat heads of pure white flowers during April and May. Each 15 cents; per dozen, \$1.50.

**LYCHNIS**

**Lychnis Chalcedonica.** Produces large heads of brilliant scarlet flowers. A gem for cut flowers. Each 15 cents; per dozen, \$1.50.

**Viscaria splendens.** A strong, vigorous grower, with almost evergreen foliage. Blooms early in June and continues for six weeks or more. Flowers bright crimson. Without doubt the finest red-flowered hardy perennial. Each 15 cents.

**PARDANTHUS SINENSIS SPLENDENS**

**Blackberry Lily.** Lily-like flowers of bright orange, followed by seeds that resemble blackberries. Each 15 cents.

**PAPAVER—Poppy.**

**Papaver orientale.** The well-known Oriental Poppy. Flowers scarlet. Each 20 cents.

**Nudicaule.** The Iceland Poppy. Always in bloom, flowers white, orange, and yellow. Each 20 cents.

**PHLOX SUBULATA**

**Phlox, The Bride.** Pure white, with pink eye. Each 15 cents; per dozen, \$1.50.

**PINKS**

Each 20 cents; per dozen, \$2.00.

**Pink, Her Majesty.** Flowers large, fringed, very double, and pure white. The fragrance is deliciously clove-scented, and not too powerful. Long stiff stems support the flowers. Her Majesty is a rival of the Carnation.

**Souvenir de Sale.** Flowers a delicate soft rosy pink, being fully as large as a Carnation; beautifully formed, very double, and exceedingly useful for cutting.

**PLATYCODON GRANDIFLORUM**

**The Chinese Bell Flower.** In bloom the entire season. The flower resembles the Clematis in size and color. Two varieties, blue and white. Each 15 cents.

**GIANT HARDY PRIMROSE**

*Primula veris superba*

This beautiful new *Primula* originated in a bed of seedling *Polyanthus*, and is undoubtedly a hybrid *Primrose*, having somewhat the habit of a *Polyanthus* and the pale yellow color and the fragrance of the English *Primrose*. It differs from the ordinary forms of *Polyanthus* in throwing up several trusses from the same root, and the corolla being flatter. The trusses of bloom are six inches in diameter, and the individual flowers over an inch across, being very much larger than those of other hardy *Primroses*. The plant is ten or twelve inches in height, is perfectly hardy, and flowers earlier and continues in bloom longer than any other *Primula*. Each 20 cents; \$2.00 per dozen.

**LYSIMACHIA CLETHROIDES.**

A fine hardy plant, growing about two feet high, with long, dense, recurved spikes of pure white flowers. Each 15 cents; dozen, \$1.50.

**LYTHRUM Roseum Superbum.**

A strong-growing, shrub-like plant, producing large spikes of rose-colored flowers from July to September. Each 20 cents; per dozen, \$2.00.



PERENNIAL PHLOX



## CHINESE PEONIES

The Chinese Peonies are desirable on account of their large size, fine colors, and profuse blooming. They are perfectly hardy, and will succeed on any ground unless so wet that the water will lie on the surface in the winter and spring. May be planted either in the autumn or spring. Extra fine roots. Each 30 cents; dozen, \$3.00, except as noted.

**Peony, Active.** Rose, flowers large, very compact.

**Brunei.** Light rose, fine.

**Double White.** Each 35 cents.

**Dr. Bretonneau.** Rose

**Duguesline.** Rose, very fine.

**Elegantissima.** Outer petals rose, center cream and rose.

**Fragrans.** One of the best pink varieties.

**Fulgida.** Crimson, large flower. Each 35 cents.

**Lamartine.** Very dark crimson. Each 35 cents.

**Limbata.** Rose, large, fine.

**Madame Morren.** Outer petals blush, center salmon.

**Nivale.** Rose, large and full.

**Officinalis rubra.** Rich deep crimson, very early, and one of the brightest of the dark-colored varieties. Each 35 cents.

**Plenissima rosea superba.** Deep rose, tinged salmon.

**Purple Crown.** Purple and crimson. Each 35c.

**Rosa mutabilis.** Rose and pink shaded.

**Striata speciosa.** Pale rose, center nearly white.

**Tenuifolia flore-pleno.** Foliage graceful and slender, making a fine contrast when arranged with the double dark crimson flowers, that nearly rival the rose in delicate perfume, perfection of bloom, and brilliancy of color. Blooms earlier than other varieties. Each 50 cents; two for 90 cents.

**Triomphe du Nord.** Violet and rose, large and fine.

**Variegata plenissima.** Rose and pink shaded.

## HERBACEOUS SPIREAS

**Spiræa palmata elegans.** A beautiful, hardy, free-flowering plant, with sweet-scented white flowers and red anthers; a very pleasing and useful plant for cut flowers, and excellent for hardy herbaceous borders. Each 20 cents.

**Venusta.** A showy red-flowering species; very fragrant. Each 20 cents; dozen, \$2.00.



## CHINESE PEONIES

### RUDBECKIA GOLDEN GLOW

**Rudbeckia laciniata flore-pleno.** A beautiful hardy perennial, attaining a height of eight feet, blooming from July to September. Flowers double, deep golden yellow, and borne on long stems, making it suitable for cutting. One of the most effective decorative plants for garden or lawn. It is covered with a mass of flowers all summer. Each 20 cents; two for 30 cents; per dozen, \$1.50.

**Newmani.** Single, golden yellow, with black center; grows about eighteen inches high. Each 20 cents.

## YUCCA

**Yucca filamentosa.** Erect plants with sharp-pointed leaves; will endure the winter in most parts of the country; sends up a strong stem bearing large, white, bell-shaped flowers. Strong one-year-old roots, 25 cents; strong two-year-old roots, 50 cents.

**POTENTILLA Atrosanguinea.** The flowers are of a velvety crimson, and are produced in great abundance the entire season. Each 15 cents.

**PENTSTEMON Barbatius Torreyi.** Most useful hardy perennial, is in bloom from June until autumn, with panicles of brilliant scarlet flowers. Very fine. Each 15 cents; dozen, \$1.50.

**MONARDA DIDYMA.** Bright red, showy flowers. Fine for planting among bulbs or in a mixed border. Each 15 cents; two for 25 cents.



PRIMULA VERIS SUPERBA

**WE** pay the postage or express charges on all goods listed in this Catalogue, unless otherwise noted.

# Hardy Flowering Shrubs



## XANTHOCERAS SORBIFOLIA Hyacinth Tree

A valuable hardy shrub. If better known would be in every garden. From five to eight feet in height. Blooms early in spring. Flowers bell-shaped, one inch broad, in clusters about eight inches long, resembling those of the Horse Chestnut as well as those of the Hyacinth, completely covering the plant. Petals crumpled, white, marked with yellow, changing to purple at the base. Foliage light green. Each 60 cents.

## HARDY AZALEAS

As the shrubs are too large to send by mail, we offer them free by express. Each \$1.00; dozen \$10.00.

**Azalea Pontica (Ghent Azalea).** Entirely hardy. Our collection contains the finest varieties grown, and cannot be surpassed for the varied richness of their colors.

**Azalea mollis.** One of the most gorgeous flowering shrubs. The very large and beautiful flowers of various colors are borne in clusters before the leaves appear in May.

## CALYCANTHUS FLORIDUS

**Sweet-Scented Shrub. Carolina All-spice.** One of the most interesting and desirable of the medium-sized shrubs; height six to eight feet; handsome foliage; leaves and young wood aromatic; flowers one inch in diameter, color dark purple or chocolate. Strong plants; each 25 cents.

## ELEAGNUS LONGIPES

A hardy, vigorous-growing shrub, with handsome foliage. Flowers bright yellow. Fruit oblong, bright red, covered with small white spots, and is juicy and edible; it has a sharp, pleasant flavor. Each 25 cents.

## FORSYTHIA SUSPensa (Fortunei)

**Golden Bells.** One of the earliest spring-flowering shrubs, producing large, bright yellow flowers. Each 25 cents.

## HYDRANGEA

**Hydrangea paniculata grandiflora.** As hardy as a Lilac. A medium-sized, hard-wooded shrub, bearing immense clusters of white flowers, remaining in bloom a long time. Plants, according to size, 25 cents and 50 cents each.

## PURPLE FRINGE (Smoke Tree)

A spreading shrub, completely covered in summer with large, feathery, purplish panicles, having the appearance of clouds of smoke. Each 25 cents.

## SNOWBALL — VIBURNUM

**Japanese Snowball — Viburnum plicatum.** Of lower and more compact growth than the old Snowball. The flowers are somewhat larger and of purer white; remain longer in good condition. Each 30 cents.

**Viburnum Opulus sterilis.** The well-known Snowball, produces large clusters of snow-white flowers in May. Each 25c.

## SPIRAEA

The Spiræas are in the front rank among flowering shrubs for the lawn or garden. Beginning to bloom in May, they produce flowers abundantly through the summer. Each 25 cents.

**Spiræa arguta.** Dwarf. Flowers clear white, and freely produced. The best very early-flowering white Spiræa.

**Anthony Waterer.** Dwarf; constant bloomer.

**Billardi.** Flowers rose-colored, in terminal spike-like panicles, produced nearly all summer.

**Billardi alba.** Similar to Billardi; flowers white.

**Bumalda.** Half-Dwarf. Flowers deep rose.

**Douglasi.** Four to five feet high. Flowers rose-colored.

**Prunifolia flore-pleno.** Double plum-leaved Spiræa.

The popular variety commonly called Bridal Wreath.

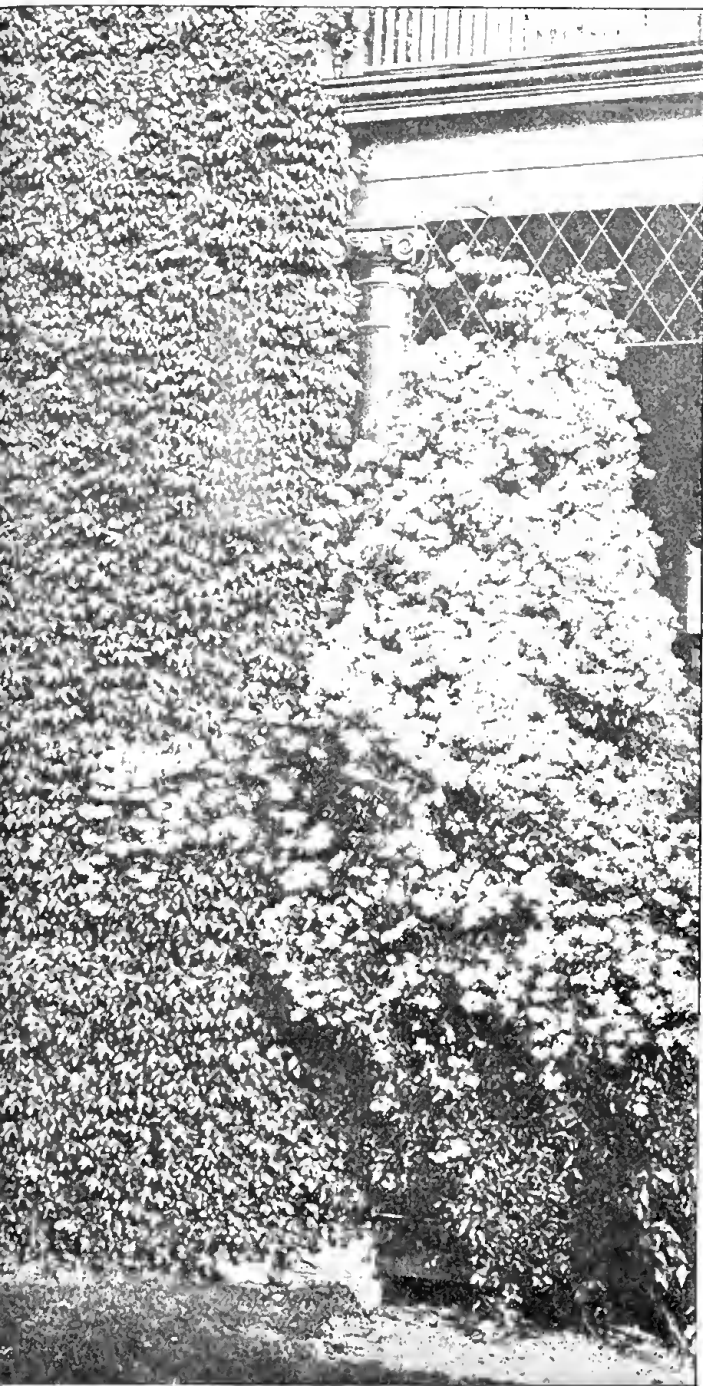
**Van Houttei.** A vigorous plant that sends up numerous tall, slender shoots, which curve gracefully, and the last of May or in June are literally covered with pure white flowers, making the bush a mass of bloom.



AZALEA MOLLIS

# Hardy Climbing Plants

**C** LIMBERS are nature's drapery, and nothing produced by art can equal their grace. The hardy varieties are very valuable, for once planted they remain, getting larger and better every year. Train the plants to grow where wanted. Fertilize and cultivate them well if rapid growth is desired.



CLEMATIS PANICULATA AND AMPELOPSIS VEITCHII

## AKEBIA QUINATA

A Japanese hardy climbing plant; handsome compound leaves with five leaflets; purplish flowers and purplish mottled berries. An interesting plant. Each 25 cents.

## BIGNONIA (Tecoma)

*Bignonia radicans* or Trumpet Vine. A hardy, strong-growing climber, with large trumpet-shaped, orange-scarlet flowers; Very handsome. Each 20 cents.

## AMPELOPSIS

These hardy plants will grow in any location, and very rapidly. Each 25 cents; per dozen \$2.00.

*Ampelopsis Veitchii*. Clings very firmly to the side of a house or wall, and will soon form a perfect mass of foliage. Also known as Japan or Boston Ivy.

*Quinquefolia*, or Virginia Creeper. Sometimes called American Ivy and Woodbine; a very rapid grower, the leaves turning crimson in autumn. This is a native plant, and the hardest and most rapid climber we have.

## CHINESE MATRIMONY VINE

A vigorous hardy climber. Flowers bright purple, succeeded by scarlet berries nearly an inch long. Each 20 cents; two for 35 cents.

## HONEYSUCKLE

One of the most desirable hardy climbers. The plants grow with great freedom in any good garden soil, and commence to bloom the second year from planting. Each 25 cents; one of each for 40 cents.

*Honeysuckle, Hall's*. Flowers pure white, changing to yellow.

*Japan Golden-veined*. Foliage small, netted with yellow; flowers white.

## CLEMATIS

The Clematis makes a rapid growth, and produces its beautiful showy flowers in the greatest profusion. For pillars, trellises, bedding in masses, or planting about rock-work, it cannot be excelled. In the fall give the plants a good top-dressing of well-rotted manure.

*Clematis paniculata*. A hardy and remarkably handsome climbing plant. The freedom of bloom is quite unparalleled, for when the plant is in full flower the greater part of the foliage is entirely hidden from view. Flowers pure white, star-shaped, about one inch in diameter, and borne in large clusters on stiff stems from four to six inches long, that rise from the axils of the leaves; they will last several days as cut flowers, retaining their freshness, and their fragrance is very agreeable. The plant is a strong, quick grower, with broad, healthy foliage, which is seldom attacked by insects. Each 25 cents; two for 40 cents.

### LARGE-FLOWERING VARIETIES

*Jackmanni*. Large, intense violet-purple flowers, from four to six inches in diameter. Each 40 cents.

*Henryii*. White, very fine. Each 50 cents.

*Madame Edouard Andre*. Fine bright crimson; free from any purplish shading. Each 40 cents.

*Ramona*. Single flowers, color light lavender; size of *Jackmanni*. Each 40 cents.

## DUTCHMAN'S PIPE

*Aristolochia Sipho*. Is a floral curiosity; a rapid-growing, hardy climber, attaining a height of thirty or more feet; leaves ten inches across; curious pipe-shaped yellowish brown flowers an inch and a half long. Strong plants, each 40 cents.

## CHINESE WISTARIA

A strong and rapid grower, desirable for trellises, porches, etc. Flowers light purple, showy, and produced in long racemes. Each 25 cents.

# Small Fruits for the Home Garden

## STRAWBERRIES

For field-culture plant in rows four feet apart, with the plants one foot apart in the row. For garden-culture plant three feet by one foot. Should the ground not be prepared for planting on receipt of the plants, they should be heeled in, in a cool, moist, shady place. Do not sprinkle the foliage, as it causes a moisture to collect which is very injurious to the crowns, causing them to rot. In setting the plants, be careful to have the crowns even with or a little above the surface of the ground, and to have the trench or hole in which the plant is set deep enough to allow the roots their full length. Some varieties of Strawberries have pistillate or imperfect flowers. These must have perfect-flowered varieties planted every 15 or 20 feet among them, or they will produce imperfect fruit. The pistillate varieties are marked (P).

At dozen and hundred prices we prepay postage or express charges; at thousand rate customers will pay express or freight charges.

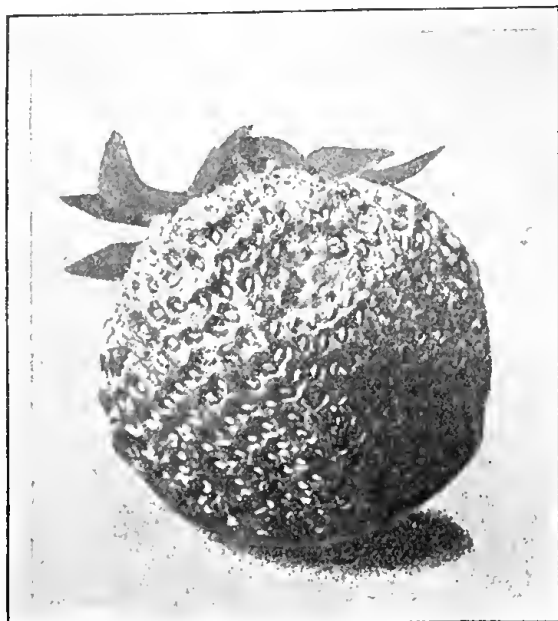
Dozen, 25 cents; 100, \$1.25; 1000, \$5.00;  
except where noted.

**Armstrong.** This is the largest and most productive berry grown. We have seen several crates of them, with 10 to 12 berries to a quart box. They sold on the market for 10 to 15 cents per quart, while other berries sold for four to six cents per quart. It is a perfect-blossom variety. Season from medium to late. Dozen, 35 cents; 100, \$1.40; 1000, \$7.50.

**Echo.** We consider this variety superior both in flavor and sweetness, and while it is not a good shipping berry, for the home garden it should be planted in preference to all others. Fruit brilliant red, of medium size, second early. Plants very productive, and continue to bear late in the season.

**Gandy.** The best late Strawberry in market, and a general favorite with fruit growers everywhere. The berries are large and uniform in size, of a rich crimson color, and quite firm. Plant a vigorous grower and good cropper. Late to very late.

**Glen Mary.** (P). Another variety of vigorous growth, large size and good quality; color dark scarlet, flesh light red. For home use and near-by market it is a very promising variety.



STRAWBERRY, SEAFORD

**Sample.** (P). A fine berry of very large size, long in bearing, solid and good. It is quite late to ripen, large to very large in size, crimson color clear through to the core; colors all over at once; very firm for a large berry; strong, vigorous and healthy foliage. There is not a weak spot in it. Needs no petting.

**Seaford.** (P). Fully equal to Bubach in size; far more productive, firm enough to meet all requirements; color deep, glossy red, and quality fit for a king. The plant is as large as Bubach and a much more vigorous grower, while it ripens its crop much faster and several days earlier, and, therefore, commands a higher price.

### OTHER STANDARD VARIETIES.

Brandywine,	Eureka,	Jessie,
Bubach,	McKinley,	Wilson,
Crescent (P).	Nick Ohmer.	

## SEVEN OF THE BEST GRAPES

Vines are strong two-year plants, true to name.

**Grape, Brighton.** Dark red; very early, quality best; should be planted near the Worden or Concord, or some other self-fertilizing variety, to promote fruit setting. Each 20 cents; dozen \$1.25; hundred \$6.00.

**Campbell's Early.** Several years of observation and tests prove it a strong, vigorous, hardy vine; thick, healthy, mildew-resisting foliage; always sets its fruit well and bears abundantly; clusters large, usually shouldered, compact and handsome; berries large, nearly round, often an inch or more in diameter; black, with light purple bloom; skin thin but tenacious, bearing handling and shipping admirably; flavor rich, sweet, slightly vinous; flesh rather firm but tender, parting easily from its few and small seeds; very early; remarkable keeping qualities. Each 30 cents; dozen \$2.00.

**Delaware.** Light red, early, quality best. Each 20 cents; dozen \$1.25; hundred \$6.00.

At single and dozen prices we prepay mail or express charges. Hundred lots by express not prepaid.

**Moore's Diamond;** Bunches large, compact; berries large, white, with a whitish bloom; skin thin; flesh melting, juicy, sweet to center; vine healthy; abundant bearer. Each 20 c.; dozen \$1.25; hundred, \$6.00.

**Niagara.** Strong, vigorous grower; bunch and berries large and of good quality; color light green; very productive. Each 20 cts.; doz., \$1.25; hundred \$6.00.

**Nectar.** A cross between Concord and Delaware. Vine hardy and a good grower; clusters of fruit of medium size, compact; berries medium size, color jet black, with a fine bloom; quality excellent, with a pure, rich, vinous flavor. Ripens at the same time as the Delaware. Each 30 cents; dozen \$2.00.

**Worden.** The best Black Grape, and the most productive and satisfactory of all varieties. Each 20 cents; dozen \$1.25; hundred \$6.00.

### OTHER STANDARD VARIETIES.

Agawam.	Catawba.	Concord.
Each 20 cents; dozen \$1.25; hundred \$6.00.		

## BLACKBERRIES

For field culture, plant in rows six feet apart and plants three feet apart in the row. For garden culture, five by four feet.

Dozen 60 cents; 100, \$2.00; 1000, \$14.00; except where noted. At the dozen price we prepay mail or express charges; 100 and 1000 lots by freight or express, charges not prepaid. Not less than 50 at 100 rate.

### THE RATHBUN BLACKBERRY

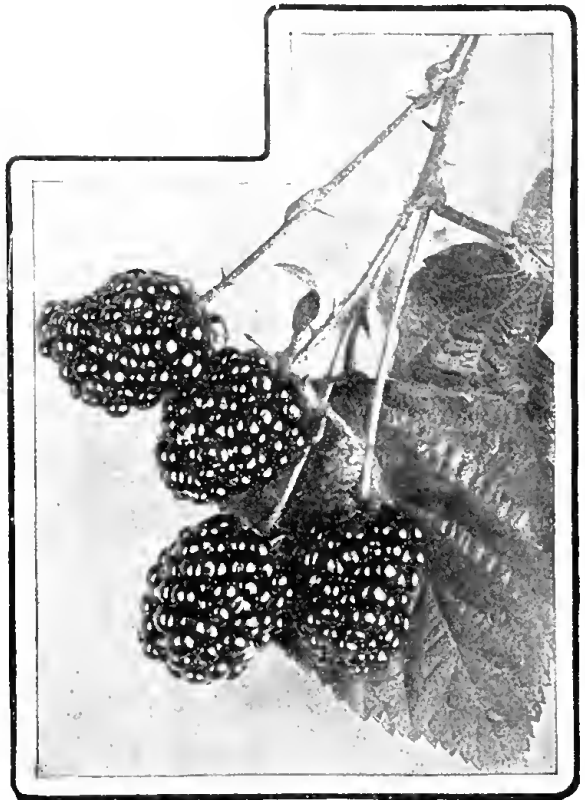
Since we introduced this wonderfully prolific and monster berry, it has acquired an enviable reputation. It is by far the largest Blackberry in cultivation. In quality it surpasses the luscious Dewberry, being without the hard core common to Blackberries; in fact it melts in the mouth. It is the most desirable variety either for table use or for canning. The plant is hardy, vigorous, and a great bearer. Another strong point in its favor is its habit of rooting from the tips, like Blackcaps. It brings more in the market; fruit holds to large size throughout the season; and as a shipper it is unsurpassed. The price is so low that all should try at least a few of the best Blackberry. Each 10 cents; dozen \$1.00; hundred \$4.00; thousand \$35.00.

**Blackberry, Agawam.** Hardy and very prolific; fruit sweet and soft to the center. Early and reliable sort.

**Erie.** Fruit roundish, uniform in size, excellent quality, handsome. A valuable variety for home use or market.

**Kattatinny.** Tender in northern localities, and for this cause alone hardier sorts have replaced it. South of New York it is uniformly hardy, and in that region it is highly esteemed. Strong grower, very productive. Berries large, handsome, and of best quality.

**Minnewaski.** Vigorous, quite hardy in this region, very productive; large, jet black, shining fruit, uniform size, sweet and soft to center; ripens early, continuing to middle of September. Doz., 75 cts.; hundred \$3.00.



THE RATHBUN BLACKBERRY

**Snyder.** Very hardy. Berries medium size, produced abundantly; sweet, juicy, and without a hard core when fully ripe. Adapted to the northwest, where other varieties are injured in severe winters.

**Wilson Junior.** Moderately hardy, will do well in the Southern Middle States, and farther south. Vigorous grower and very productive; fruit large, good, early.

## CURRANTS

Choose a moist, rich soil for Currants, and keep it well manured. Plant five feet apart each way. Keep free from weeds and grass, and give liberal cultivation. To destroy the currant-worm that feeds on the leaves, dust them with powdered white hellebore.

Each, postage paid, 10 cents; dozen, \$1.00; hundred, \$5.00, except where noted. At the single and dozen prices we prepay mail or express charges. Hundred and thousand lots by express or freight, charges not prepaid.

All strong two-year-old plants and true to name.

**Currant, Cherry.** Large, productive.

**Black Champion.** An English sort; fruit large, handsome, highly-flavored; extra good for jams, etc.

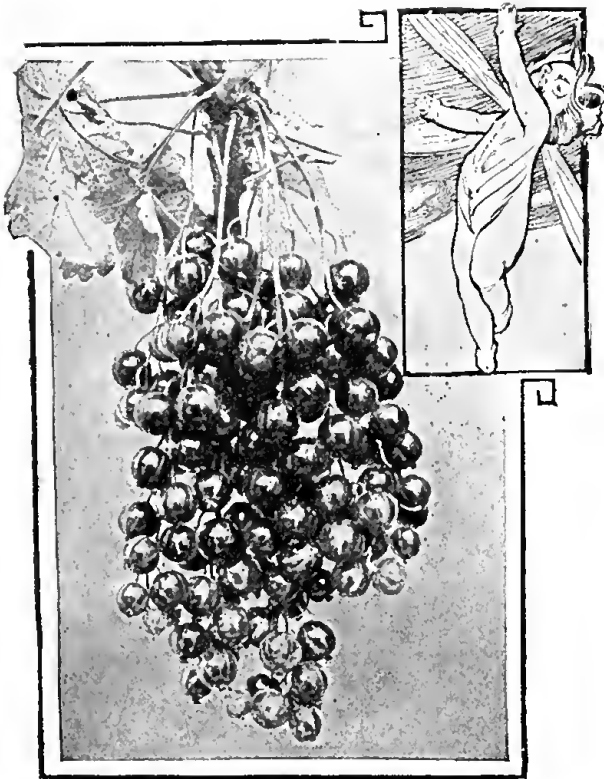
**Fay's Prolific.** One of the best; very productive, large size, good flavor, bears early; adapted to light soils. Standard for market.

**Lee's Prolific.** Black; good for all purposes; early, large, productive.

**Pomona.** Strong, vigorous grower, entirely hardy and bears profitably the second year after planting; we can recommend it as one of the best red currants.

**Red Cross.** New variety, fully tested and found worthy of introduction; plants strong, vigorous, and very productive; clusters large, often four inches long; berries large; fruit grows in masses, giving additional facilities in gathering; fruit of superior quality; a trial will both please and satisfy you.

**Victoria.** A splendid variety, ripens two or three weeks later than the others, continuing in fine condition for a long time; bunches very long, medium-sized bright red berries of the best quality.



CURRENT, RED CROSS



# RASPBERRIES—Red, Black, and Yellow.

There are two general types of Raspberries, and they require different treatment. Blackcaps, and others that increase from the ends of the canes, should be planted  $3\frac{1}{2}$  x 7 feet. Prepare the land same as for Strawberries. Cultivate often enough to keep the soil loose and free from weeds. When the canes attain the height of one foot pinch off the ends; this causes the canes to branch, grow stocky and self-supporting. In the spring of the bearing year cut these branches back to within six inches of the main stalk. After fruiting, cut out all the dead wood. Red Raspberries, and others that sucker, should be set 5 x  $3\frac{1}{2}$  feet apart, when they must be cultivated both ways. Allow only three or four canes in each hill to grow,—treat all others that spring up as weeds. When three or four feet high, pinch back cane same as with Blackcaps. The secret of raising fine crops of Raspberries is in rigorous pruning and keeping suckers down. If not checked, the tendency is to mat the surface with canes, when very little fruit is secured. For garden culture the red varieties may be set three feet apart each way, and Caps 4 x 3 feet.

## COLUMBIAN RASPBERRY

This variety is so well advertised and so popular as a berry for the home garden that it is known from Maine to California. One-half dozen strong plants will supply a family with fruit, as it grows from eight to twelve feet high, and in fruiting season its branches are covered with fine, large, crimson berries. Plants perfectly hardy; have endured  $28^{\circ}$  below zero without freezing. It is the best in the world for canning, and grown largely for evaporating, retaining its color, form and flavor remarkably. Each 10 cents; dozen 60 cents; hundred \$2.00; thousand \$12.00.

## RASPBERRIES—Red

**Cuthbert.** A valuable late variety for home use or marketing; large, firm, and of superior quality; very productive. Dozen 50 cents; hundred \$1.50; thousand \$9.00.

**Loudon.** This Raspberry has been tested in many localities, and practical fruit growers agree that it is an advance beyond the best of the standard varieties. Hardier, better, and far more productive than Cuthbert, and the berries are larger and the drupes longer. Berries firm, bright red; cling to the stem and do not crumble in picking; splendid shipper. Plant vigorous, heavy yielder, and practically thornless. Dozen 70 cents; hundred \$2.50.

**Marlboro.** The largest of the early reds, ripening earlier than the Hansell. Similar to the Cuthbert, but is gone before the Cuthbert comes on. Canes dwarfish, fruit very prolific in rich soil. Doz., 60 cts.; hundred \$2.00.

## RASPBERRIES—Black

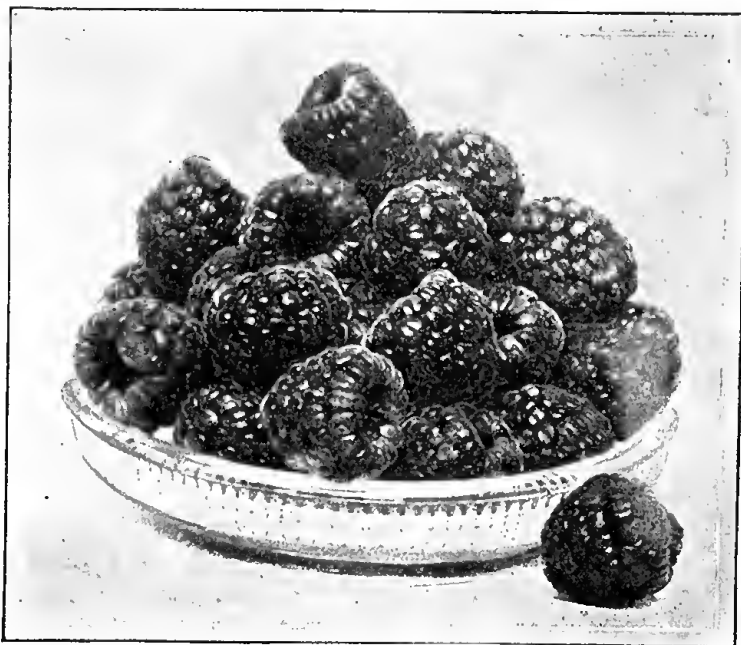
**Cumberland.** A most remarkable Raspberry on account of its wonderful size and good qualities. It is thought to be a seedling from the Gregg, with a dash of Blackberry blood in it, but it is a true Raspberry; very hardy, having withstood a temperature of  $16^{\circ}$  below zero; very productive, making large crops of enormous berries about one inch in diameter. Fruit very firm and may be shipped long distances; in ripening season, may be called a mid-season variety, coming in shortly ahead of the Gregg. Each 15 cents; dozen 80 cents; hundred \$3.00.

**Gregg.** Very large, fine quality, productive, late, hardy. Dozen 50 cents; hundred \$1.50; thousand \$10.00.

**Mills.** This new variety is extremely large, perfectly hardy, free from blight or rust, large as the Cumberland, very firm, and with the bloom somewhat like the Gregg. It has been the most productive of all the Black Raspberries we have tried, and brings the highest price of any in the market. Each 10 cents; dozen 60 cents; hundred \$2.00.

**The Kansas.** Early tips will grow from the buds (that in other kinds remain dormant) two to four feet the same fall, uninjured by frost. Stands drouth well, produces more canes and branches and is much larger than the Gregg; jet black, firm texture. Dozen 50 cents; hundred \$1.50; thousand \$10.00.

At single and dozen prices we prepay mail or express charges. Hundred or thousand lots by express or freight, charges not prepaid. Not less than 50 at the 100 rate.



## LOUDON RASPBERRY

**Ohio.** Fruit large, fine quality, and best of Cap sorts for drying. Strong, hardy, productive, late. Dozen 50 cents; hundred \$1.50; thousand \$10.00.

**Palmer.** Resembles Standard Early Tyler, but larger and better; recommended for early bearing. Dozen 50 cents; hundred \$1.50; thousand \$10.00.

## RASPBERRIES—Yellow

**Golden Queen.** Very productive; fruit large, light amber color; equally as hardy as any other sort. Dozen 70 cents; hundred \$2.50.

# GOOSEBERRIES

Gooseberries thrive best if planted where they will receive a partial shade. Plant the same distance as Currants. Gross feeders, liking a deep, rich soil.

**Chantauqua.** Fruit a light yellow (nearly white), free from spines and hair. Thick-skinned, very sweet, and of exquisite flavor. Each 40 cents; dozen \$3.50.

**Downing's.** A native seedling, greenish white, vigorous, hardy and prolific, large fruit. Free from mildew. Each 15 cents; dozen \$1.00.

**Golden Prolific.** Fruit large, deep golden yellow, excellent in quality and very attractive in appearance. Perfectly hardy, very prolific, a good grower, and unusually free from mildew. Each 40 cents; dozen \$3.50.

**Industry.** A new foreign variety. Fruit dark red, very large, and of a rich agreeable flavor; an immense yielder. Each 30 cents.

**Pearl.** Grown from seed of Houghton, crossed with Ashton Seedling. Worthy of special notice because of its good quality, productiveness, and freedom from mildew. Each 15 cents; dozen \$1.00.

## MISCELLANEOUS SUPPLIES

**Bellows.** For applying dry insecticides. Hand-made throughout from seasoned wood and best quality sheepskin. Eight-inch, \$1.25; 12-inch, \$1.50. Charges not prepaid.

**Grafting Wax.**  $\frac{1}{4}$  lb., 15 cents;  $\frac{1}{2}$  lb., 25 cents; lb., 35 cents, postpaid.

**Garden Trowels.** Solid Steel, best grade only, 8-inch, 35 cents, postage paid.

**Knives.** Postage paid.

<b>Budding.</b>	No. 718—1 blade, open, cocoa handle . . . . .	\$0 20
	No. 852—1 blade, folding, cocoa handle . . . . .	60
	No. 910—1 blade, folding, ivory handle . . . . .	1 00
	No. 850—2 blade, folding, ivory handle, . . . . .	1 00
	No. 419—2 blade, folding, ivory handle, superior steel . . . . .	1 25
	No. 690—2 blade, folding, buffalo handle, ivory tip . . . . .	80
	No. 919—1 blade folding, ivory handle . . . . .	1 00
	No. 917—1 blade, folding, ivory handle, sheep's foot blade . . . . .	1 00
<b>Pruning.</b>	No. 1002—1 hook blade, open, wood handle . . . . .	35
	No. 117—1 hook blade, folding, cocoa handle, round end . . . . .	70
	No. 510—1 blade, folding, cocoa handle, steel capped . . . . .	1 00
	No. 801—1 blade, folding, cocoa handle, 4-inch blade . . . . .	50
	No. 923—1 blade, folding, stag handle, 4-inch blade . . . . .	80
	No. 928—1 straight blade, folding, cocoa handle $4\frac{3}{4}$ -inch blade . . . . .	1 15
	No. 928—1 straight blade, extra strong, folding, stag handle, $4\frac{3}{4}$ -inch blade . . . . .	1 25

**Labels.** Wooden. Charges not prepaid.

$3\frac{1}{2}$ inch, pot, per 1000 . . . . .	\$0 45	8 inch, pot, per 1000 . . . . .	\$3 00
4 inch, pot, per 1000 . . . . .	50	$3\frac{1}{2}$ inch, tree, notched, per 1000 . . . . .	45
$4\frac{1}{2}$ inch, pot, per 1000 . . . . .	55	$3\frac{1}{2}$ inch, tree, pierced, per 1000 . . . . .	50
5 inch, pot, per 1000 . . . . .	75	1 x 5 inch, tree, notched, per 1000 . . . . .	1 00
6 inch, pot, per 1000 . . . . .	1 00		

**Plant Tubs.** Fibrotta ware, practically indestructible, impervious to moisture, light, easy to handle. 12 $\frac{1}{2}$ -inch, each \$1.25; 13 $\frac{1}{2}$ -inch, each \$1.50; charges not prepaid.

**Potting Soil.** Especially prepared and sifted, per bu., 50 cents; bbl., \$1.00; charges not prepaid.

**Plant Stands.** Rolling, for heavy plants. Fibrotta ware with ball bearing casters. 16-inch, \$1.25; 18-inch, \$1.35; 20-inch, \$1.50; charges not prepaid.

**Pruning Shears.** Charges not prepaid.

No. 1537—8-inch . . . . .	\$0 65	6-inch, Nickel-Plated . . . . .	\$0 90
No. 1537—8 $\frac{1}{2}$ -inch . . . . .	75	10-inch, Wiss, genuine . . . . .	2 00
No. 1538—8 $\frac{1}{2}$ -inch . . . . .	90		

**Raffia.** For tying, per lb., 20 cents; 5 lbs., 90 cents; 10 lbs., \$1.50; charges not prepaid.

**Raffia.** For Basket making. Our present list embraces the following colors: No. 3, Indian Red; No. 12, Light Orange; No. 5, Yellow; No. 16, Bright Yellow; No. 14, Sage Green; No. 17, Emerald Green; No. 6, Dark Navy; No. 20, Purple; No. 8, Pink; No. 10, Brown; No. 9, Black. Per ounce, 6 cents;  $\frac{1}{4}$  lb. 20 cents;  $\frac{1}{2}$  lb., 40 cents; lb., 75 cents. Natural, per ounce, 5 cents;  $\frac{1}{4}$  lb., 8 cents;  $\frac{1}{2}$  lb., 15 cents; lb., 25 cents. Charges not prepaid.

Reeds—	OZ.	$\frac{1}{4}$ LB.	LB.	OZ.	$\frac{1}{4}$ LB.	LB.	OZ.	$\frac{1}{4}$ LB.	LB.		
No. 1 . .	\$0 08	\$0 30	\$1 00	No. 3 . .	\$0 06	\$0 20	\$0 65	No. 5 . .	\$0 04	\$0 15	\$0 50
No. 2 . .	07	25	75	No. 4 . .	05	20	60	No. 6 . .	04	15	50

**Sweet Grass:** Per ounce, 15 cents;  $\frac{1}{4}$  lb., 40 cents; lb., \$1.50; charges not prepaid.

If Raffia, Reeds, or Sweet Grass are wanted by mail, add postage as follows: ounce, 2 cents;  $\frac{1}{4}$  lb., 5 cents; pound, 16 cents. Samples of Raffia and Reeds on application.

**Syringes.** Brass. Charges not prepaid.

No. A—12-inch barrel, 1-spray rose and jet . . . . .	\$2.25
No. 12—14-inch barrel, 2-spray rose and jet . . . . .	3 50
No. 11—16-inch barrel, 2-spray rose and jet . . . . .	4 50
No. 5—18-inch barrel, 2-spray rose and jet . . . . .	5 00

**Sprinklers.** Tyrian. Rubber, made with a perforated detachable top; valuable for window gardening, bouquet sprinkling, dampening clothes, etc.; postage paid.

6-ounce size, straight neck . . . . .	\$0 75	8-ounce size, straight neck . . . . .	\$1 00
6-ounce size, bent neck . . . . .	85	8-ounce size, bent neck . . . . .	1 10

**Weeders.** Claw, 20 cents; Christy, 20 cents; Hazeltine, 30 cents; Lang, 30 cents; postage paid.

## FERTILIZERS

**Walker's Floral Fertilizer.** A chemically correct flower food for house plants. Has no odor, and can be used dry or dissolved in water for sprinkling. Small size (feeds 25 plants six months) 25 cents; large size (feeds 25 plants for one year), 50 cents; postage paid.

**Pure Raw Bone Meal.** Three per cent. ammonia, 24 per cent. phosphoric acid, 52 per cent. potash. Per sack of 100 lbs. \$3.00; charges not prepaid.

# Vick's Velvet Lawn Grass

The Velvet Mixture contains all of the very best varieties of grasses suited for the purpose of making a lawn beautiful in appearance, durable and lasting, and which will stand the frosts of winter and the hot sun of summer, showing a deep rich green at all seasons. The seed used is pure and heavy and especially cleaned, and the finest ever offered. Per quart, 25 cents; pound, 40 cents, post paid. Peck (5 lbs.), \$1.10; bushel (20 lbs.), \$4.00; by express or freight, charges not prepaid.

## Vick's Shady Spot Lawn Grass

For Shaded Corners or under trees, where ordinary grasses will not thrive. Per pound, 35 cents, postpaid. Five pounds, \$1.50; ten pounds, \$2.50; 100 pounds, \$23; express or freight, not prepaid.

## Vick's Golf Mixtures

For Golf Grounds we make two mixtures: One for Putting-Greens, and another for Fair-Greens. Both are the results of careful trials, and can be relied on to give perfect satisfaction.

### Putting-Green Mixture

Per pound 35 cents, postpaid. Five pounds, \$1.50; ten pounds, \$2.50; 100 pounds, \$23.00; by express or freight, charges not prepaid. Sow 100 pounds per acre.

### Fair-Green Mixture

Per pound 30 cents, postpaid. Five pounds, \$1.25; ten pounds, \$2.00; 100 pounds, \$18.00; by express or freight, charges not prepaid. Sow 50 pounds per acre.

## Special Grass Mixtures

Different soils and locations require different grasses, and we find it best to carry the following mixtures, all made up to sow 35 pounds per acre:

**Standard Hay Mixture.** For general hay lands; containing six varieties of grasses and clover. Per pound, 18 cents; 100 pounds, \$13.00.

**Standard Pasture Mixture.** For ordinary pastures, where the land is neither very wet nor very dry. Pound, 20 cents; 100 pounds, \$15.00.

**Dry Pasture Mixture.** For very high and dry pastures; containing grasses that withstand exposure and severe weather. Pound, 23 cts.; 100 pounds, \$18.

**Wet Pasture Mixture.** Made up of grasses especially adapted to damp places. Pound, 25 cents; 100 pounds, \$20.00.

At these prices we do not prepay carrying charges. If you wish charges prepaid, postage must be added at the rate of 8 cents per pound. Not less than 50 pounds at 100-pound rate. No charge for bags or packages.

## Pulverized Sheep Manure.

Pure and odorless. One of the best for lawn, garden and greenhouse use. 6 lbs., 25 cents; 25 lbs., 60 cents; 50 lbs., \$1.00; 100 lbs., \$1.75; charges not prepaid.

**James Vick's Sons**  
**Rochester, New York**